



Your Crops Deserve

PIONEER

PROTECTION





Diversify with **PIONEER** **FENCE**

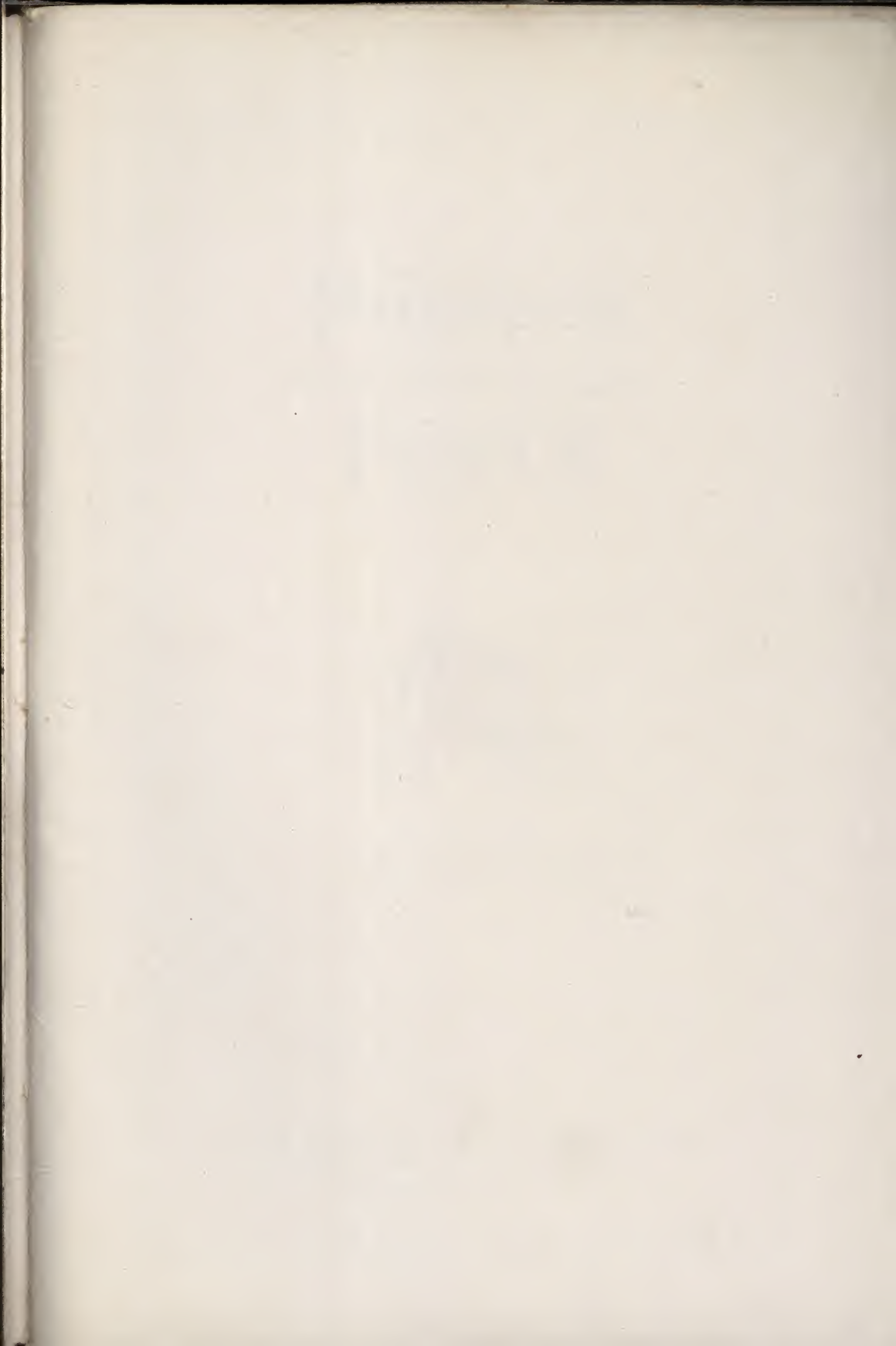


Thousands of modern farmers are realizing increased profits year after year through Diversification. Even small farmers find that it pays to have a variety of crops and stock. There are no "bad years" for the farmer who diversifies. "Pioneer" fence, the ideal life-time, farm fence, is assisting farmers to bigger cash returns. Good fence is essential to any successful diversification program.



**CONTINENTAL STEEL
CORPORATION,
KOKOMO STEEL & WIRE COMPANY
DIVISION,
KOKOMO INDIANA**







PIONEER

Farm, Poultry, Lawn

FENCE



*The Knot That
Tightens with the Strain*

Catalog No. 49

CONTINENTAL STEEL CORPORATION

KOKOMO STEEL & WIRE COMPANY, Division

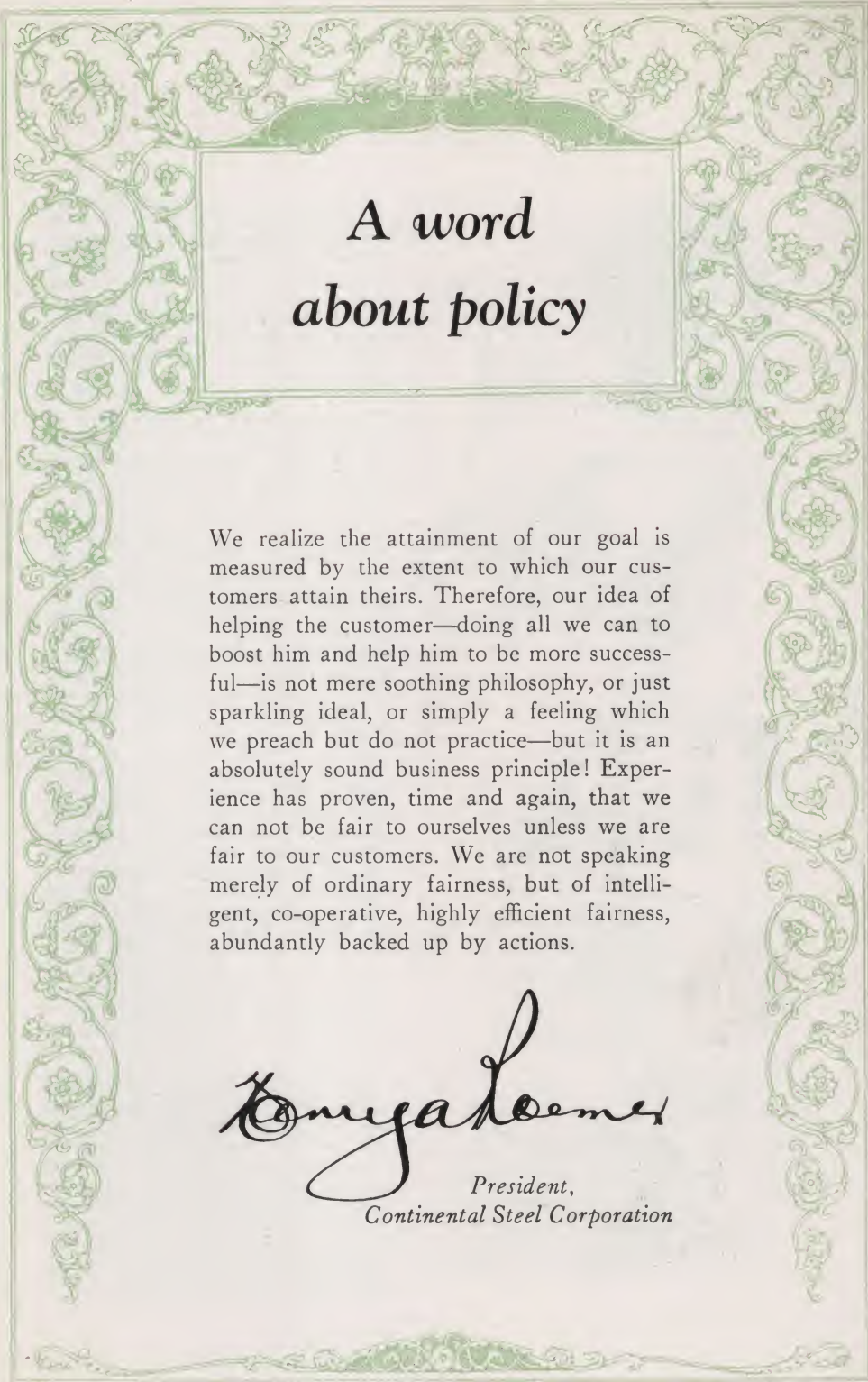
KOKOMO, INDIANA, U. S. A.

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CONTINENTAL STEEL CORPORATION

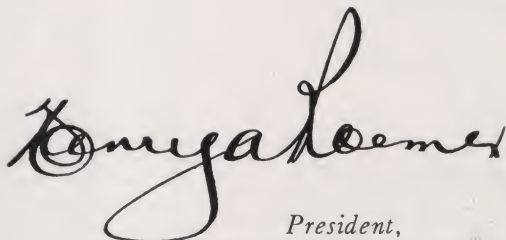
Kokomo Steel & Wire Co. Division

KOKOMO, INDIANA

An ornate, symmetrical border in a light green color frames the entire page. It features intricate floral and scrollwork designs, with a central arched motif at the top and bottom, and vertical flourishes on the sides.

A word *about policy*

We realize the attainment of our goal is measured by the extent to which our customers attain theirs. Therefore, our idea of helping the customer—doing all we can to boost him and help him to be more successful—is not mere soothing philosophy, or just sparkling ideal, or simply a feeling which we preach but do not practice—but it is an absolutely sound business principle! Experience has proven, time and again, that we can not be fair to ourselves unless we are fair to our customers. We are not speaking merely of ordinary fairness, but of intelligent, co-operative, highly efficient fairness, abundantly backed up by actions.

A handwritten signature in black ink, reading "Tonya Loemer". The script is fluid and cursive, with a large, looping initial "T" and a long, sweeping underline that extends under the name.

Tonya Loemer

*President,
Continental Steel Corporation*

The Story



Fence has ever been essential to the existence of man. Without fence, man was at a disadvantage. He was incapable of slaying the greatest beast, or could he run fast enough or climb high enough to escape them. By what name primitive man called this barrier, how it was known among aboriginal tribes incredibly long ago, history gives no hint.

Fence is man's invention—one of the early important steps in his efforts up the hard ladder of civilization. The first fence, probably a heap of boulders rolled at the cave mouth as a barrier, constituted a crude, ineffective, but never-the-less ingenious means of protection. Necessity has always been the mother of invention and it was at this very beginning of man that the idea of fence was born. It was first a protection for the home—the family—and the personal treasures of man. In the very dawn of history fence takes its paramount place as a barrier in tribal wars and as a national protection.



In the Old Testament we find mention of "fenced cities." All of the early powers of the earth fortified themselves with masonry walls, stone piles and other barriers, which served similar purposes that fences do today. Memphis, the capital of the old Egyptian Empire, was built by the first King of Egypt, and was protected by an enormous dike. The village has existed for more than five thousand years; but since the thirteenth century the inhabitants have taken the stones of its ruins to build the houses of Cairo.

The Chinese Empire was founded about 2800 B. C. and has always been subject to invasion by the Tartars, to the north. The Emperor Ching-Wang expelled these wild barbarians, and to keep them out built along the Northern frontier the GREAT WALL OF CHINA (about 250 B. C.). It is 15 to 30 feet high, wide enough for six horsemen to ride abreast upon the top, and extends over

of Fence

mountains and valleys a distance of twelve hundred miles. This Emperor, Ching-Wang, is now regarded by the Chinese as their National hero.

Babylon was one of the great walled cities of olden times. For years it maintained its supremacy because of its inaccessibility. This great protective wall bred in the populace of Babylon a haughty pride and carelessness. They had implicit confidence in this great protective wall. The Medes and Persians, however, after a siege, conceived the idea to find access through the fortifications by the river bed that supplied water to the city.

In mythology we find reference to walled cities. The famous story of the wooden horse and the fall of Troy everyone knows so well. The ancients had to invent means of circumscribing the formidable walled barriers.

It is curious to note that according to English common-law a ditch constituted a fence by law.

Hedges are common in rural districts only in Europe and England. They are slow of growth, expensive to keep in order, exhaust the fertility of the soil, harbor weeds and insects, and take up a great deal of space. The favorite hedge in England is the Hawthorne. In the middle and southern United States there are still a few hedges, mostly of osage orange. Arbor vitae, box wood and privet are also used, especially on ditch embankments.

Sod fences, made by piling up dirt and covering with sod to hold the shape, are still used in Central and Western Europe and England to some extent, but are ineffective and serve merely as a makeshift. It is impossible to build this type of fence high enough to be practical.

The progress of fence making was inevitable. The stone barrier of the cave man was imperfect, cumbersome, hard to construct, and wasteful of space. Successively there came the





fence of thorns, interwoven with sticks, the fence of earth or sod, the palisade, the stockade, (the forerunner and parent ancestor of all types of picket fence) the "rail" or "snake" fence and the wall of masonry. Some of these forms go back to the time when history had not yet recorded the activities of men and nations. Yet all of them, in some variation, may be seen in an afternoon motor ride today.

All of the primitive fences fell short of ever advancing agricultural and civilized needs. Nearly one fourth of the area of a 20 acre field is needed as a foundation for a snake fence. Further, such fences were poor barriers. Stock would break them down, and small marauders could easily pass through. They needed constant repair. For years men sought something better.

With the early settlers everywhere fence followed the heels of clearing; started even before the cabin was built, to protect the new crops. Many a family wintered through in the covered wagon, but the fence was in place. In well timbered regions the early fence in America was almost exclusively "zig-zag" or "rail" fence. Wood was all too plentiful for the foreloper who needed crop land. In those days the steel bitted wedge and apple wood maul produced uncounted miles of this useful fence.

The "rail" fence was an expedient fence. It existed principally in two main divisions known as the "stake" and "stake-and-rider." The latter was not as effective but could be built with less labor.

As a defense against Indians the early pioneers used the "stockade" or high, rugged picket fence, sharpened to strong points at the top. These outposts of defense or forts were the principal means of barrier in America during the earlier colonization period. The picket fence was made by driving stakes in the ground at close intervals, intertwining thorny vines. It was the forefather of modern ornamental



picket fence of wood and iron, used now to enclose lawns and gardens. It is very beautiful in the modern form. The old type of picket fence was effective but not long lived, and impractical for modern uses.

In modern times, in all progressive agricultural and civilized communities we find wire fences used almost exclusively. The wire fence, immuned against the ravages of weather, is by far the most effective, economical and satisfactory of fences.

The history of fence has been one of slow progress. Thousands of years were needed to make small strides and improvements. With the wire fence came the solving of all the problems of fencing that had hampered men for the unlimited span of years back to the dawn of time.

The romance and evolution of fence has been ever interwoven with the destinies of men and nations. Rome held the world in thrall for hundreds of years with good roads, well trained, fearless, legions, and **STRONG FENCED FORTIFICATIONS.**

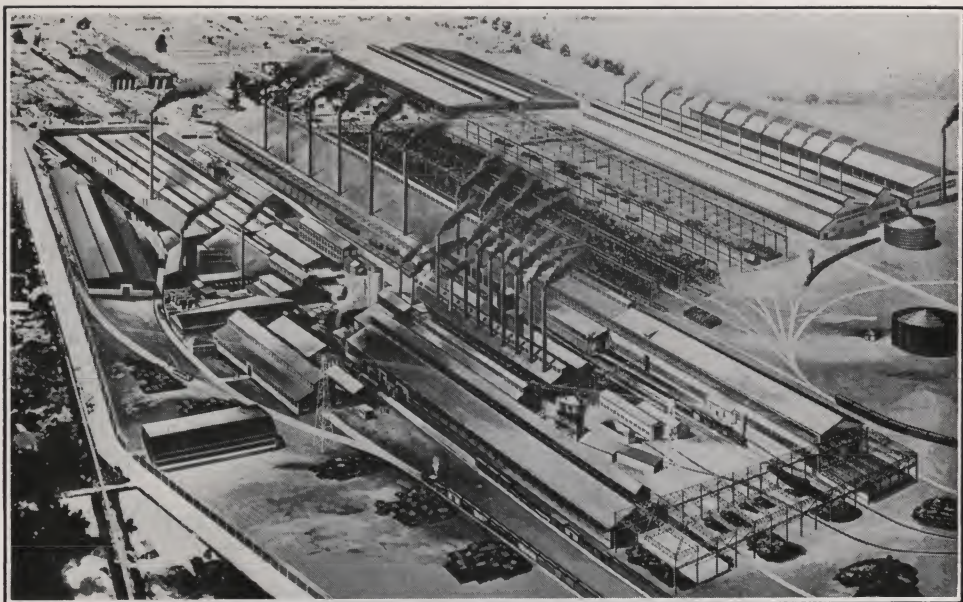
Barbed wire fence entanglements formed a great defensive weapon in the World War.

Modern wire fence, perfectly adapted as it is to the needs of the modern farmer, serves as an adequate protection for crops and permits wider diversification in both animals and crops.

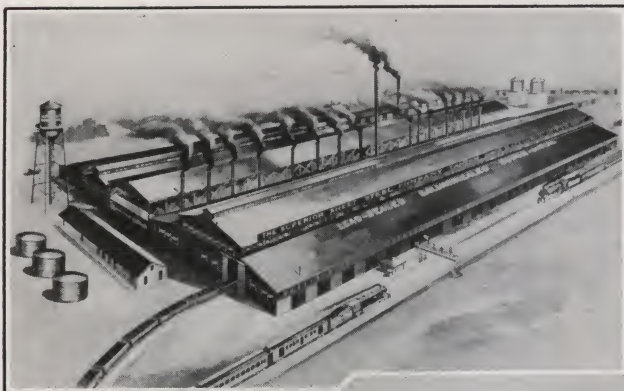
The home lover has an ever present guardian for his children against traffic and other dangers. Fence, also, offers a ready means of protection for flowers, vines, and shrubbery. The modern fence for the home is dignified, useful and economical.

The wire fence is the last step—by far the greatest step—in the long, colorful effort toward the **PERFECT FENCE.**





KOKOMO STEEL & WIRE CO., DIVISION
KOKOMO, INDIANA



**THE SUPERIOR
SHEET STEEL
CO., DIVISION**
CANTON, OHIO



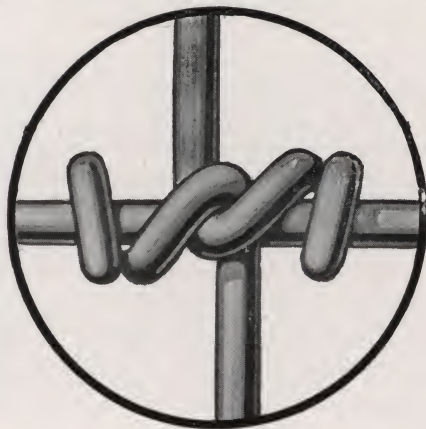
CONTINENTAL STEEL CORPORATION, KOKOMO, INDIANA. U.S.A.

THE PATH TO PLENTY IS FENCED WITH PIONEER

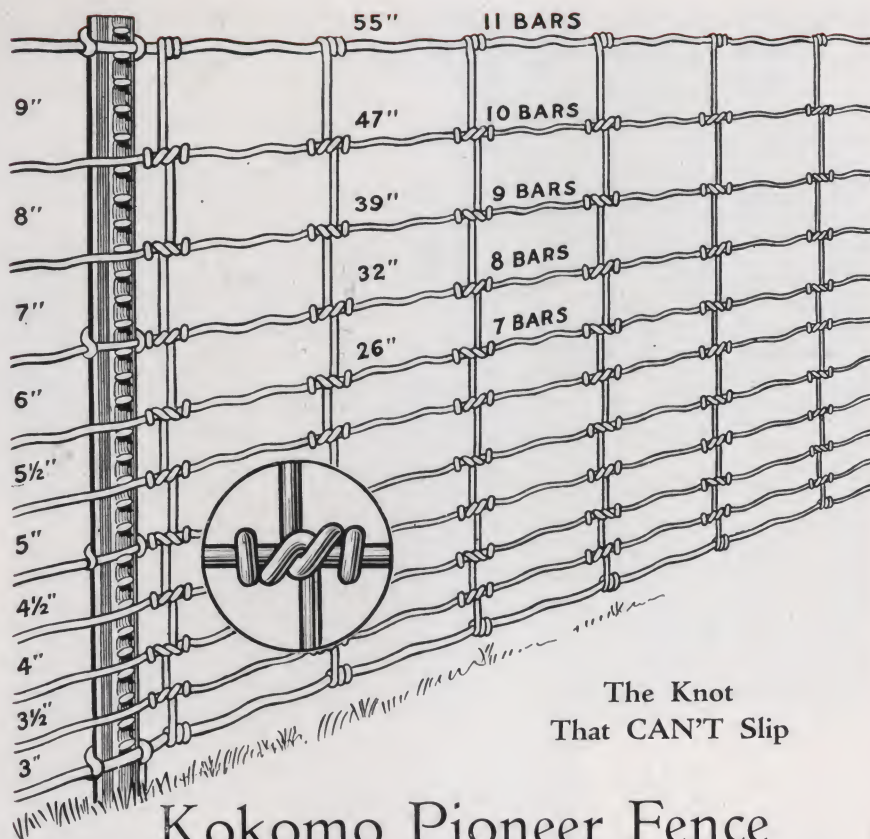


The Knot Can't Slip

The rigidity, the strength, and perfect service of "Pioneer" Farm Fence is due to a number of outstanding features. One of the most important is the famous "Pioneer" knot, *the knot that can't slip*. Here is a knot that is *locked*. No matter how great the strain or abuse the "Pioneer" knot holds fast. Strain, the force that *tightens* the "Pioneer" knot, loosens the knot on ordinary fence. Stock find it impossible to enlarge the openings. No amount of climbing will get "Pioneer" Farm Fence out of shape. Because it is so effectively locked, "Pioneer" Fence retains its original beauty, shape and effectiveness throughout the years. The knot, like the rest of the fence, is protected from rust and corrosion by a heavy and even coating of 99½% pure zinc.



THE PATH TO PLENTY IS FENCED WITH PIONEER



Cut No. 120

Kokomo Pioneer Fence

Made from

Copper-Content Rust-Resisting Wire

For more than a quarter century we have been making farm fence. "Pioneer" is the result of these long years experience in fence manufacture. And blended with this experience is an earnest desire to make the very best product it is possible to produce. A product born of that spirit is certain to make friends, and create golden good will—increasing the opportunities year by year for its sale.

Every pound of wire used in "Pioneer" fence is the product of steel MADE IN KOKOMO, in our own mill. This steel is made in large open hearth furnaces by experts, under perfect laboratory control, and in accordance with the method which our experience has proven most satisfactory for fence manufacture.

When the perfect mixture or analysis has been determined by an infallible laboratory check, the liquid steel is poured into large ingot molds where it is formed into steel ingots, weighing approximately 6,000 pounds each. These ingots are rolled into billets and then into wire rods. In rolling our rods less scale is formed than is the practice in most mills, and consequently less acid is needed to remove this scale. As a result we eliminate acid brittle wire. The absence of acid brittle wire in "Pioneer" fence is one reason why THE LINE WIRES ARE NEVER BROKEN.

THE PATH TO PLENTY IS FENCED WITH PIONEER

The Kokomo Process

From the steel which is manufactured in our own mills, through the entire process of drawing the wire, galvanizing and weaving it into farm fencing, we strive for a superior product. We do all the things which our long experience has proven will increase the lasting qualities of "Pioneer" fence—and eliminate those things which we know to be bad.

Material and Construction

The line wires all contain sufficient carbon to retain the coil put into "Pioneer" fence. This coil provides for contraction and expansion, and causes the fence to stretch easily. The coil and carbon are responsible for the fact that when this fence is properly stretched THE LINE WIRES BECOME LIVE WIRES, which properly respond to the slightest change in temperature or unusual strain to which the fence may be subjected.

The "Pioneer" Knot

The stay wires positively cannot be slipped on the line wires because they are attached so that THE MORE STRAIN OR LOAD PLACED ON THE FENCE THE TIGHTER THE LOCK BECOMES. The strain which tightens the lock on "Pioneer" fence, loosens the knot on other fences, so the advantage of the LONGER LASTING QUALITIES of "Pioneer" is obvious. The only way to damage our fence is to break the stay wires, and this is very nearly impossible.

Heavily Galvanized

Good galvanizing is essential in the manufacture of long lived fence. To insure our customers of fencing that will stand the test of time, we are continuing to use the more expensive LEAD ANNEALING PROCESS. By this process every inch of our wire is run through molten lead before it is galvanized. This insures wire absolutely uniform in temper and leaves no possible chance for scale forming on the wire, so the coating sticks firmly to the steel. ALL OF OUR FENCING IS MADE OF 99½% PURE ZINC COATED WIRE. It is not possible to buy a fence that has a purer coat of galvanizing than "Pioneer." Don't be misled by advertising for other fencing, for "Pioneer" is the fence that WILL LAST FOR YEARS.

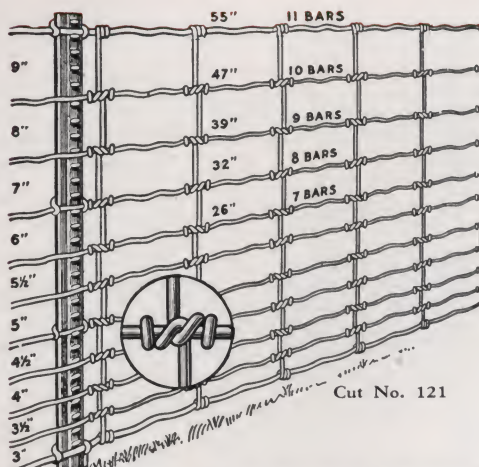
Rust Resisting Wire

Our steel carries a high content of copper, and as copper steel is RUST RESISTING, "Pioneer" fencing affords this additional rust preventative. This feature in connection with PURE ZINC COATED WIRE, the unique and original PIONEER KNOT, and LIVE WIRES WHICH STRETCH AND STAY STRETCHED makes this fencing the finest it is possible to buy. Our best evidence of this is the unusual enthusiasm of "Pioneer" dealers and thousands of users in all parts of the country, who invariably recommend this sturdy fence to their friends.

The Breaking Strain

There are no short kinks in "Pioneer" line wires which weaken and fracture the steel. So it matters not what selection you make, the breaking strain of this superior fence is greater than that of any competitive fence manufactured with equal gauge and number of line wires.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Put up in rolls 20 or 40 rods each except Specification "9" in 6 inch stays, 30 rod rolls largest.

SPECIFICATIONS

"11" - "9" and "12 1/2"

		"11"
Top	No. 9	
Bottom	No. 9	
Intermediate	No. 11	
Stay	No. 11	
		"9"
Top	No. 9	
Bottom	No. 9	
Intermediate	No. 9	
Stay	No. 9	
		"12 1/2"
Top	No. 10	
Bottom	No. 10	
Intermediate	No. 12 1/2	
Stay	No. 12 1/2	

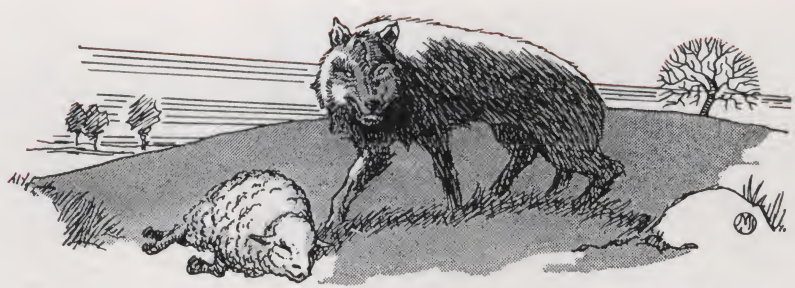
We make a complete line of the above specifications. Full information as to heights, weights and numbers of line wires, also gauges of wires used in the construction of these fences is shown on page 16.



A happy hog-lot scene—seen through Kokomo Pioneer Fence.
The pigs look satisfied—and they are!

All fences shown in this catalogue are made in accordance with Simplified Practice, Recommendation No. 9 of the U. S. Department of Commerce.

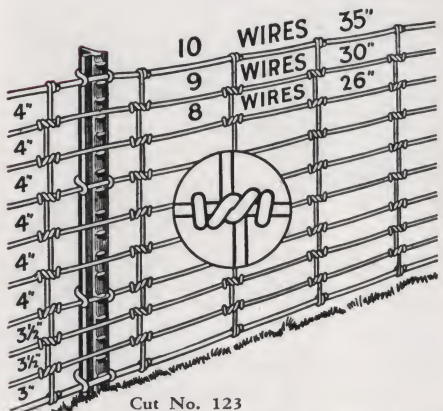
THE PATH TO PLENTY IS FENCED WITH PIONEER



Stop This Waste

Protect your stock from the ravaging of wolves and wild animals with PIONEER WOLF-PROOF FENCE!

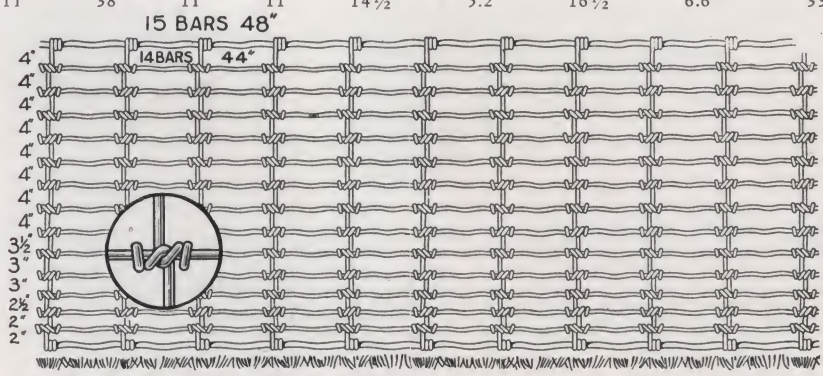
Here is a perfect wolf-proof fence—designed especially for the strenuous duty and requirements of some sections where a close-mesh fence of great strength is required and “Pioneer” costs no more than ordinary fence.



Cut No. 123

SPECIFICATIONS “WOLF-14 1/2”

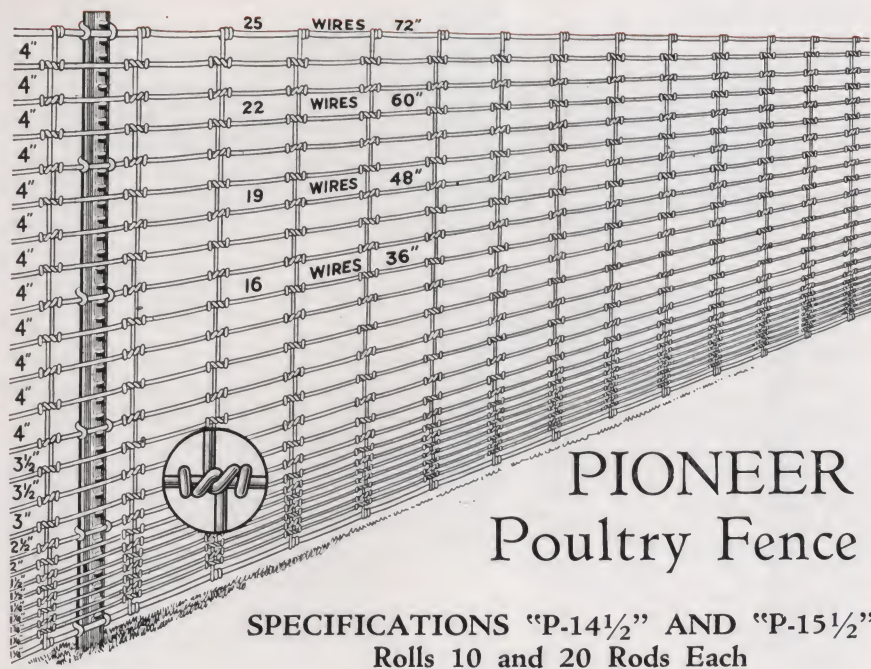
No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Filler	12 Inch Stays		6 Inch Stays	
					Approx. Weight Per Rod	No. of Stays Per Rod	Approx. Weight Per Rod	No. of Stays Per Rod
15	48	11	11	14 1/2	6.9	16	8.7	33
14	44	11	11	14 1/2	6.5	16 1/2	8.1	33
11	38	11	11	14 1/2	5.2	16 1/2	6.6	33



Cut No. 122

No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Filler	12 Inch Stays		6 Inch Stays	
					Approx. Weight Per Rod	No. of Stays Per Rod	Approx. Weight Per Rod	No. of Stays Per Rod
15	48	11	11	14 1/2	6.9	16	8.7	33
14	44	11	11	14 1/2	6.5	16 1/2	8.1	33
11	38	11	11	14 1/2	5.2	16 1/2	6.6	33

THE PATH TO PLENTY IS FENCED WITH PIONEER



Cut No. 124

Our specifications "P-14 $\frac{1}{2}$ " is the most effective poultry fence that can be built. It is very close at the bottom, with five 1 $\frac{1}{4}$ inch spaces. The spacing is graduated toward the top, the widest opening being 4 inches between line wires. The "Pioneer" knot is used throughout, insuring permanency of stays. The immense popularity of this design has recommended it as the best poultry fence manufactured. Specifications "P-15 $\frac{1}{2}$ " is made from the same high grade wire as specifications "P-14 $\frac{1}{2}$ " but is of a lighter gauge wire.

SPEC. "P-14 $\frac{1}{2}$ "	No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Line Wire	Stay Wire	6 Inch Stays	
							Approx. Weight Per Rod	No. of Stays Per Rod
	22	60	11	11	14 $\frac{1}{2}$	14 $\frac{1}{2}$	10.3	33
	19	48	11	11	14 $\frac{1}{2}$	14 $\frac{1}{2}$	9.2	33
	16	36	11	11	14 $\frac{1}{2}$	14 $\frac{1}{2}$	7.6	33
SPEC. "P-15 $\frac{1}{2}$ "	25	72	12 $\frac{1}{2}$	12 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	8.5	33
	22	60	12 $\frac{1}{2}$	12 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	7.4	33
	19	48	12 $\frac{1}{2}$	12 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	6.4	33
	16	36	12 $\frac{1}{2}$	12 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	5.3	33

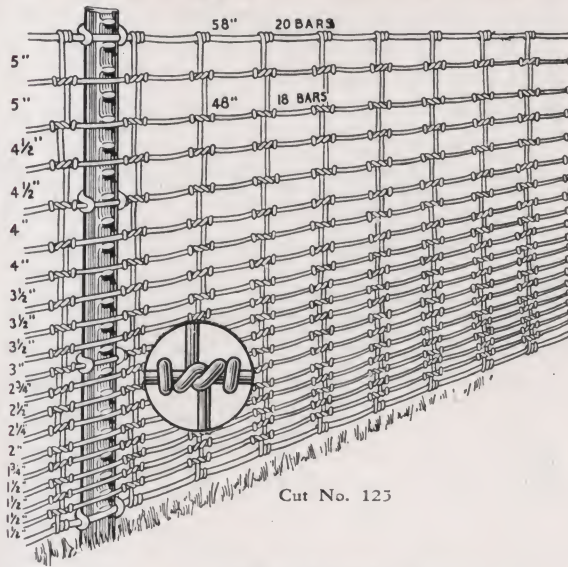
THE PATH TO PLENTY IS FENCED WITH PIONEER

PIONEER POULTRY FENCE

Our specifications "P-12½" poultry fence measures up to the high standard of Kokomo quality. With its 12½ gauge intermediate line wires and stay wires, this fence will turn stock successfully. The four bottom wires are but 1½ inches apart, which makes this a highly effective poultry fence.

Our specifications "P-13" is made with the same spacing as specifications "P-12½." The wire used is lighter; the top wire is number 10, bottom wire number 11 and filler number 13.

Both specifications "P-12½" and "P-13" are made with the famous *Pioneer Knot*, which cannot slip.



SPECIFICATIONS "P-12½"

- Top No. 10
- Bottom No. 11
- Intermediate. No. 12½
- Stay No. 12½

SPECIFICATIONS "P-12½"

This fence is made with the rolls the following sizes:
10 and 20 rods.

No. of Line Wires	Height Inches	Top Wire	Bottom Wire	Line Wire	Stay Wires	App. Wt. per Rod	Stays per Rod
20	58	10	11	12½	12½	12.8	16
20	58	10	11	12½	12½	15.5	32
18	48	10	11	12½	12½	11.4	16
18	48	10	11	12½	12½	14.2	32

SPECIFICATION "P-13"

No. of Line Wires	Height Inches	Top Wire	Bottom Wire	Line Wire	Stay Wires	App. Wt. per Rod	Stays per Rod
20	58	10	11	13	13	14.6	32
18	48	10	11	13	13	13.0	32

THE PATH TO PLENTY IS FENCED WITH PIONEER

Kokomo Pioneer Fence Specifications - Farm Fence Styles

The following list gives complete information on several different styles of farm fencing:

	No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Filler	12 Inch Stays		6 Inch tays	
						Approx. Weight Per Rod	No. of Stays Per Rod	Approx. Weight Per Rod	No. of Stays Per Rod
SPECIFICATIONS "11"	11	55	9	9	11	12.2	16½	16.7	33
	10	47	9	9	11	10.9	16½	14.8	33
	8	45	9	9	11	9.3	16½	-----	-----
	9	39	9	9	11	9.7	16½	13.1	33
	8	32	9	9	11	8.6	16½	11.4	33
	7	26	9	9	11	7.5	16½	9.8	33
SPEC. "9"	11	55	9	9	9	18.0	16½	25.3	33
	10	47	9	9	9	16.0	16½	22.3	33
	9	39	9	9	9	14.1	16½	19.6	33
	8	32	9	9	9	12.3	16½	17.0	33
	7	26	9	9	9	10.6	16½	14.5	33
SPEC. "12½"	10	47	10	10	12½	7.5	16½	10.0	33
	9	39	10	10	12½	6.7	16½	8.9	33
	8	32	10	10	12½	6.0	16½	7.8	33
	7	26	10	10	12½	5.2	16½	6.7	33
SPEC. "F-14½"	8	32	11	11	14½	-----	-----	4.6	33
	7	26	11	11	14½	-----	-----	4.1	33
SPEC. "Wolf-14½"	10	35	11	11	14½	4.4	16½	5.5	33
	9	30	11	11	14½	4.0	16½	5.0	33
	8	25	11	11	14½	3.6	16½	4.4	33

THE PATH TO PLENTY IS FENCED WITH PIONEER

Specifications - Poultry Fence Styles

Kokomo Pioneer Fence

	No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Line Wire	Stay Wire	6 Inch Stays	
							Approx. Weight Per Rod	No. of Stays Per Rod
SPEC. "P-14 1/2"	25	72	11	11	14 1/2	14 1/2	11.4	33
	22	60	11	11	14 1/2	14 1/2	10.3	33
	19	48	11	11	14 1/2	14 1/2	9.2	33
	16	36	11	11	14 1/2	14 1/2	7.6	33
SPEC. "P-15 1/2"	25	72	12 1/2	12 1/2	15 1/2	15 1/2	8.5	33
	22	60	12 1/2	12 1/2	15 1/2	15 1/2	7.4	33
	19	48	12 1/2	12 1/2	15 1/2	15 1/2	6.4	33
	16	36	12 1/2	12 1/2	15 1/2	15 1/2	5.3	33
SPEC. "P-12 1/2"	20	58	10	11	12 1/2	12 1/2	12.8	16
	20	58	10	11	12 1/2	12 1/2	15.5	32
	18	48	10	11	12 1/2	12 1/2	11.4	16
	18	48	10	11	12 1/2	12 1/2	14.2	32
SPEC. "P-13"	20	58	10	11	13	13	14.6	32
	18	48	10	11	13	13	13.0	32

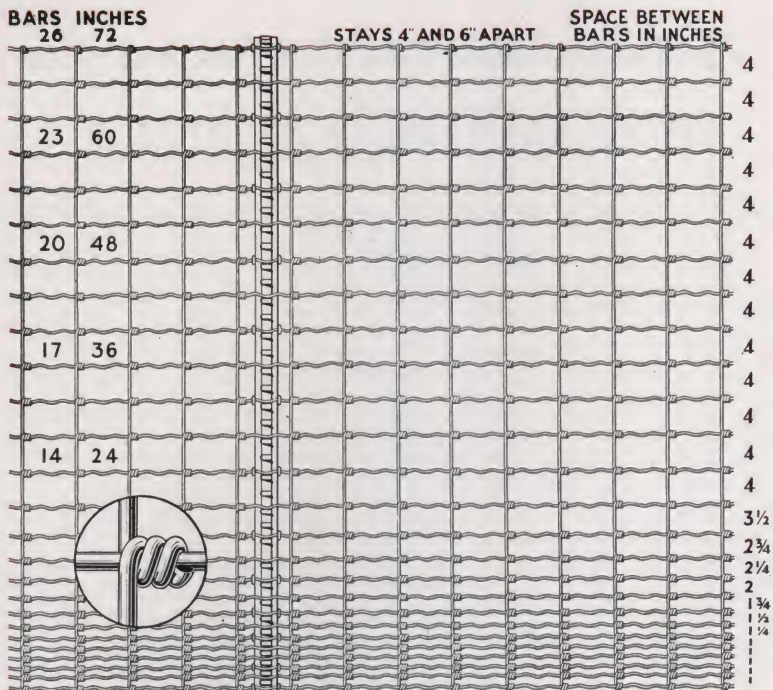
Liberty Poultry Fence

	No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Filler	Weight	Stays Spaced
SPECIFICATIONS	27	72	15 1/2	15 1/2	17	5.8	4"
	24	60	15 1/2	15 1/2	17	5.2	4"
	21	48	15 1/2	15 1/2	17	4.6	4"
	18	36	15 1/2	15 1/2	17	4.0	4"
	15	24	15 1/2	15 1/2	17	3.6	4"
	27	72	15 1/2	15 1/2	17	5.3	6"
	24	60	15 1/2	15 1/2	17	4.7	6"
	21	48	15 1/2	15 1/2	17	4.0	6"
	18	36	15 1/2	15 1/2	17	3.3	6"

Liberty "Junior" Poultry Fence

	No. of Line Wires	Height in Inches	Top Wire	Bottom Wire	Filler	Weight	Stays Spaced
SPEC.	27	72	15 1/2	15 1/2	18	4.2	6"
	24	60	15 1/2	15 1/2	18	3.7	6"
	21	48	15 1/2	15 1/2	18	3.2	6"
	18	36	15 1/2	15 1/2	18	2.7	6"

THE PATH TO PLENTY IS FENCED WITH PIONEER



Cut No. 126

CONTINENTAL "CHICK-PROOF"

Five One-Inch Spaces at Bottom

SPECIFICATIONS							
No. of Bars	Height in Inches	Inches Between Stays	Approx. Weight Per Rod	No. of Bars	Height in Inches	Inches Between Stays	Approx. Weight Per Rod
26	72	6	11.1	26	72	6	9.4
23	60	6	9.7	23	60	6	8.2
No. 14 1/2 Gauge, Top and Bottom Wires No. 11 gauge				No. 15 1/2 Gauge, Top and Bottom Wires No. 12 1/2 gauge			
20	48	6	8.4	20	48	6	7.0
17	36	6	7.0	17	35	6	5.8

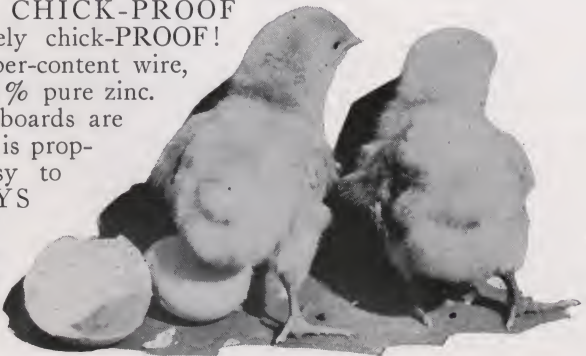
Put up in 10 and 20 rod rolls. Furnished also in 17 1/2 gauge Filler.

CONTINENTAL CHICK-PROOF FENCE is genuinely chick-PROOF!

Made of heavy copper-content wire, galvanized with 99 1/2 % pure zinc.

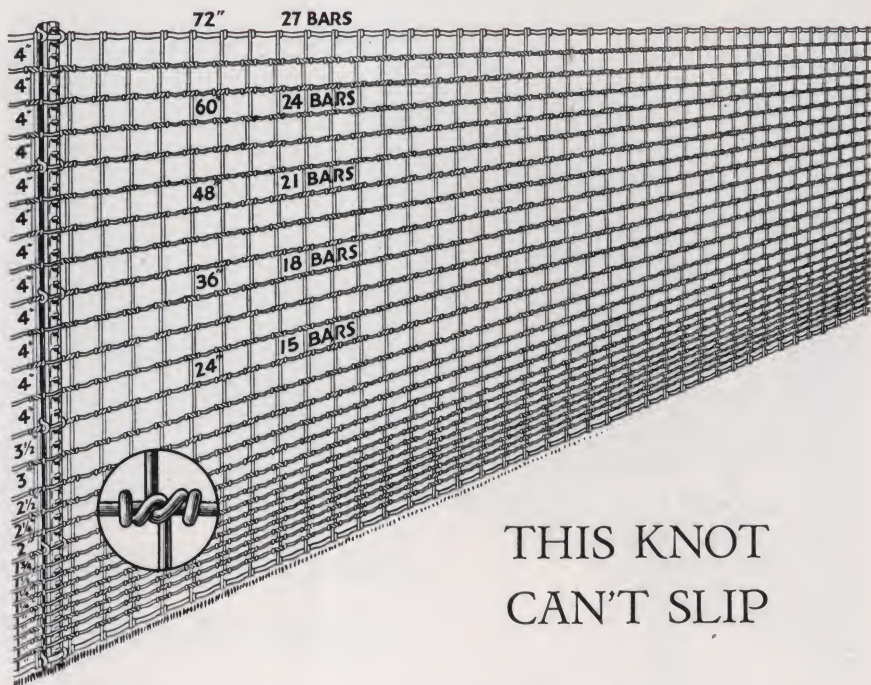
No top and bottom boards are required if the fence is properly stretched. Easy to stretch and STAYS

stretched because of the extra coil in line wires. Chicks are safe between the five 1-in. spaces at the bottom.



THE PATH TO PLENTY IS FENCED WITH PIONEER

Kokomo Liberty Poultry Fence



Cut No. 127

See Page 19 for Specifications

THIS KNOT
CAN'T SLIP

We have been successful in applying the famous "Pioneer" knot—the knot that can't slip—to this close spaced poultry fence.

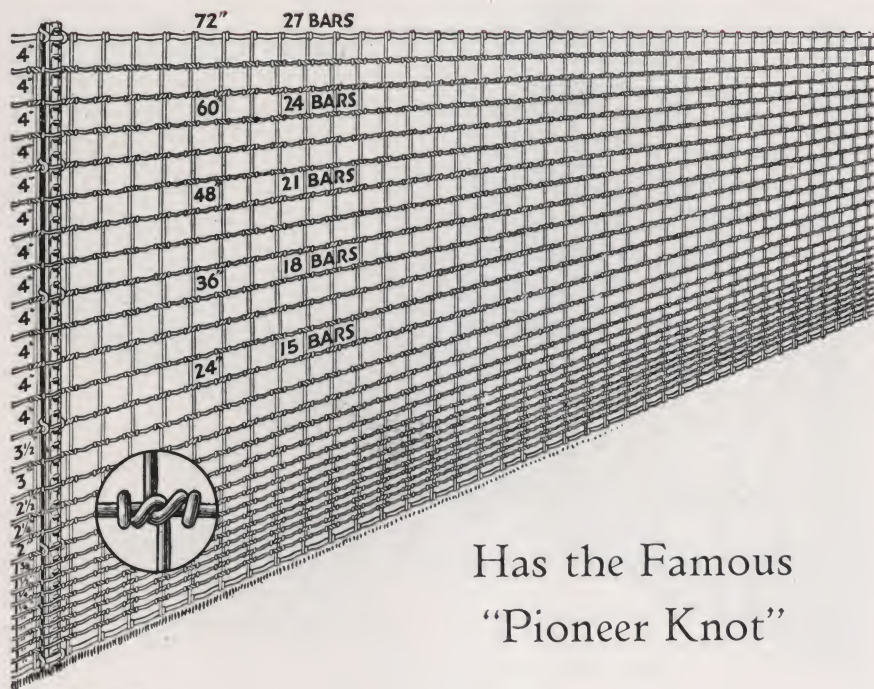
A 99½% PURE ZINC coating gives immunity from rust. At the knot, where rust seeks its first entrance, "Liberty" is as evenly coated with zinc and as fully protected from rust as any part of this fence. The wire used in the manufacture of "Liberty" fence is made from copper-content RUST-RESISTING STEEL—doubly protected from rust.

Top and bottom wires are No. 15½ gauge and the intermediate line wires and stay wires are No. 17 gauge. These stays are locked by the "Pioneer" knot, which means more strength and perfect shape during the entire life of the fence.

Spacing of the line wires is very close at the bottom, graduated to four inch spacing at the top. Stays are placed four and six inches apart, providing a choice of either spacing.

"Liberty" fence is put up in 10 and 20 rod rolls.

Liberty "Junior" Poultry Fence



Has the Famous
"Pioneer Knot"

Cut No. 128

See Page 19 for Specifications

The large number of line wires in "Liberty Junior" poultry fence affords unusual line strength, a great deal more than it is possible to get in poultry netting, and the price is very little higher per rod than ordinary poultry netting. "Liberty Junior" stretches easily and stays stretched.

The top and bottom wires of "Liberty Junior" poultry fence are No. 15½ gauge and the intermediate line wires and stay wires are No. 18 gauge. These stays are attached with our famous "Pioneer" lock, ample insurance against enlarging of the openings or loss of shape. The "Pioneer" knot *can't slip*. The spacing of the line wires is very close at the bottom, graduated up to four inch spacings at the top. Stays are all six inches apart.

This fence is put up in 10 and 20 rod rolls.

The 72-inch fence beginning at the bottom is spaced as follows: Five 1-inch spaces; two 1¼-inch spaces; one 1½-inch space; one 2½-inch space; one 3-inch space; one 3½-inch space; twelve 4-inch spaces.

THE PATH TO PLENTY IS FENCED WITH PIONEER

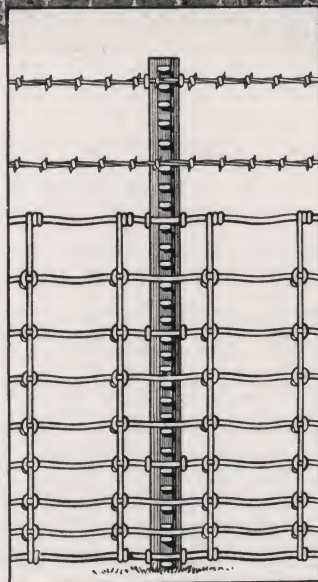


VICTORY FENCE IS STOCK TIGHT

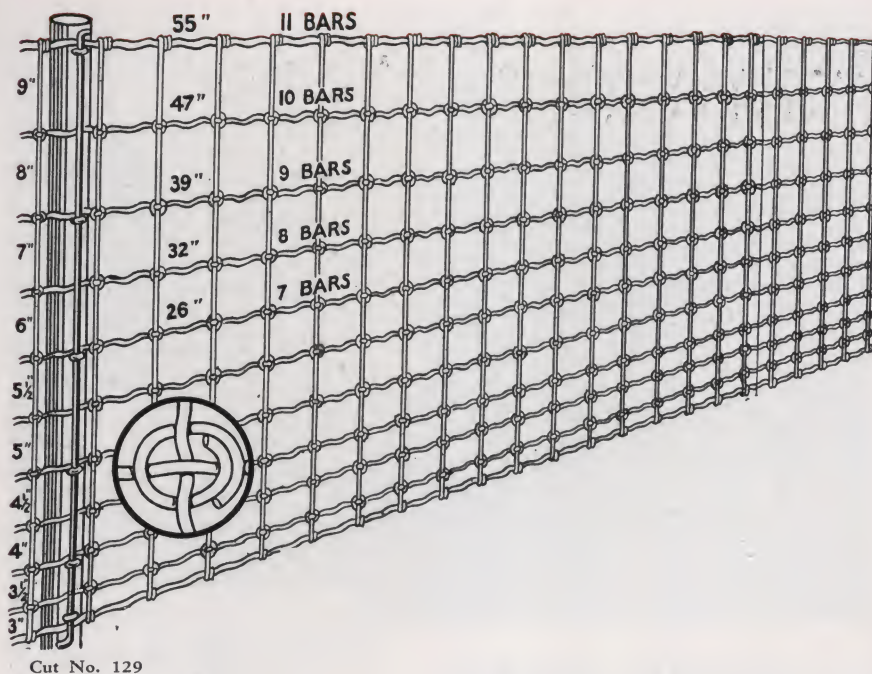
The Galvanized wire used in the manufacture of Victory Fence is made from 99½ % Pure Zinc Coated Wire, which is as perfect zinc coating as is possible to be applied to wire and in addition our wire is copper bearing, so that from the standpoint of *Rust-Resisting Wire* it cannot be excelled.

Our wire is all made in our own steel mills, under the direction of experts, who are familiar with all processes, and we make no misstatement when we say our wire is the equal of the best and better than most galvanized wire used in fence construction.

We make our own steel in our open hearth furnaces, and we are therefore in position at all times to control our analysis of steel, and we make the steel most suitable for successful Fence Construction, hence our claims of superiority for the reason that we are in complete control of all stages of production.



THE PATH TO PLENTY IS FENCED WITH PIONEER



Victory Farm Fence

Victory Farm and Poultry Fences are genuine Staple Tie Fences with the stays fastened in such a manner that they hold fast. It has no equal in Staple Tie Construction.

Our specification "V-11" is made with No. 9 top and bottom wires and number 11 intermediate line wires and stay wires.

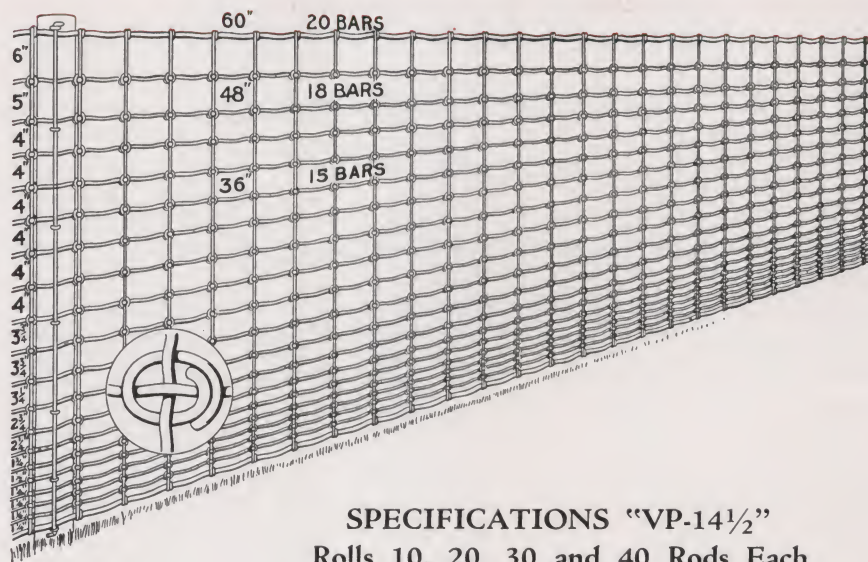
Specification "V-9" is made with all No. 9 line wires and stay wires.

Specification "V-12½" is made with No. 10 top and bottom wires and No. 12½ intermediate line wires and stay wires.

Specification "V-14½" is our light weight farm fence made with No. 11 top and bottom wires, and No. 14½ intermediate line wires and stay wires, but it is only made in 26-inch and 32-inch heights.

See Page 26 for Complete Specifications

THE PATH TO PLENTY IS FENCED WITH PIONEER



Cut No. 130

SPECIFICATIONS "VP-14½"
Rolls 10, 20, 30 and 40 Rods Each

Victory Poultry Fence

The above fence is a closely woven Poultry Fence and it is in great demand on account of its having 20 line-wires for the 60-inch heights and 18 line-wires for the 48-inch heights.

We are glad to recommend this fence to our trade, as it will give you good service.

OUR GUARANTEE

We guarantee that every roll of fence will stretch or your money will be refunded. This guarantee is based upon the fact that all of our fence looms are equipped with tension devices that eliminate any possible chance for long wires.

With our line wires all of equal length, and with extra coil to provide for contraction and expansion, every roll of our fencing will stretch like ribbon.

See Page 27 for Complete Specifications

THE PATH TO PLENTY IS FENCED WITH PIONEER

VICTORY FENCE

Complete Description

FARM FENCE STYLES

Below we give you the full description showing height, number of line wires, gauges of wire used, number of stays per rod, and approximate weights per rod.

	No. of Line Wires	Height of Fence	Gauge of Top Wire	Gauge of Bottom Wire	Gauge of Line Wires	Gauge of Stay Wires	Number of Stays Per Rod	Approx. Weight Per Rod
SPECIFICATION "V-11"	11	55	9	9	11	11	16	12.2
	11	55	9	9	11	11	32	16.7
	10	47	9	9	11	11	16	10.9
	10	47	9	9	11	11	32	14.8
	9	39	9	9	11	11	16	9.7
	9	39	9	9	11	11	32	13.1
	8	32	9	9	11	11	16	8.6
	8	32	9	9	11	11	32	11.4
	7	26	9	9	11	11	16	7.5
	7	26	9	9	11	11	32	9.8
SPECIFICATION "V-9"	11	55	9	9	9	9	16	18.0
	11	55	9	9	9	9	32	25.3
	10	47	9	9	9	9	16	16.0
	10	47	9	9	9	9	32	22.3
	9	39	9	9	9	9	16	14.1
	9	39	9	9	9	9	32	19.6
	8	32	9	9	9	9	16	12.3
	8	32	9	9	9	9	32	17.0
	7	26	9	9	9	9	16	10.6
	7	26	9	9	9	9	32	14.5
SPECIFICATION "V-12½"	10	47	10	10	12½	12½	16	7.5
	10	47	10	10	12½	12½	32	10.0
	9	39	10	10	12½	12½	16	6.7
	9	39	10	10	12½	12½	32	8.9
	8	32	10	10	12½	12½	16	6.0
	8	32	10	10	12½	12½	32	7.8
	7	26	10	10	12½	12½	16	5.2
	7	26	10	10	12½	12½	32	6.7
SPEC. "V-14½"	8	32	11	11	14½	14½	32	5.3
	7	26	11	11	14½	14½	32	4.6

THE PATH TO PLENTY IS FENCED WITH PIONEER

VICTORY FENCE

Complete Description

POULTRY STYLES

SPECIFICATIONS "VP-14½"

No. of Line Wires	Height of Fence	Gauge of Top Wire	Gauge of Bottom Wire	Gauge of Line Wires	Gauge of Stay Wires	Number of Stays Per Rod	Approx. Weight Per Rod
20	60	11	12½	14½	14½	32	9.7
18	48	11	12½	14½	14½	32	8.6
15	36	11	12½	14½	14½	32	6.9

SPECIFICATIONS "VP-15½"

No. of Line Wires	Height of Fence	Gauge of Top Wire	Gauge of Bottom Wire	Gauge of Line Wires	Gauge of Stay Wires	Number of Stays Per Rod	Approx. Weight Per Rod
25	72	12½	12½	15½	15½	32	8.5
22	60	12½	12½	15½	15½	32	7.4
19	48	12½	12½	15½	15½	32	6.4
16	36	12½	12½	15½	15½	32	5.3

SPECIFICATIONS "VP-12½"

No. of Line Wires	Height of Fence	Gauge of Top Wire	Gauge of Bottom Wire	Gauge of Line Wires	Gauge of Stay Wires	Number of Stays Per Rod	Approx. Weight Per Rod
20	58	10	11	12½	12½	16	12.8
20	58	10	11	12½	12½	32	15.5
18	48	10	11	12½	12½	16	11.4
18	48	10	11	12½	12½	32	14.2

All Fences shown in this Catalog are made in accordance with simplified practice, recommendation Number 9 of the U. S. Department of Commerce.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Kokomo Steel Fence Posts

The sturdy reinforcing rib running the full length of the post adds great strength. There are no holes in the post, either for staples or rivets.

The unique attachment of the anchor plate makes the post stronger. There is no weakening at the vital spot where strain usually works havoc when the post is in the fence line. KOKOMO posts are easily and speedily erected. The simple, efficient method of attaching the line wires of the fence make this operation a minor one.

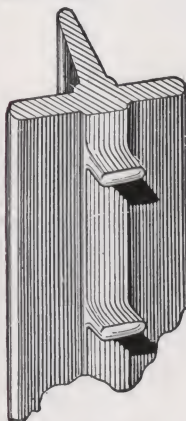
One man can drive from 200 to 300 Kokomo Posts in a day. This effects an additional saving of time over the digging process necessary with wooden posts. And these economies are of minor consideration when you consider that Kokomo Posts will *last three times as long as wooden posts*.

By the use of Kokomo STEEL POSTS you will effect a saving in labor and repairs of 75% during the life of the fence, together with a saving of one or two replacements.

Studded Tee Post

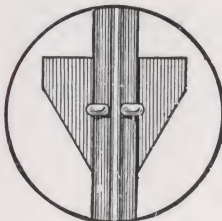
From High Carbon Steel
The Enlarged Section Below

shows the studs for supporting wire. They are made small to avoid waste of metal. A comparison of this section with others will show that it has a wider face due to this saving—result a stronger and better post without an ounce of waste metal in oversize studs.

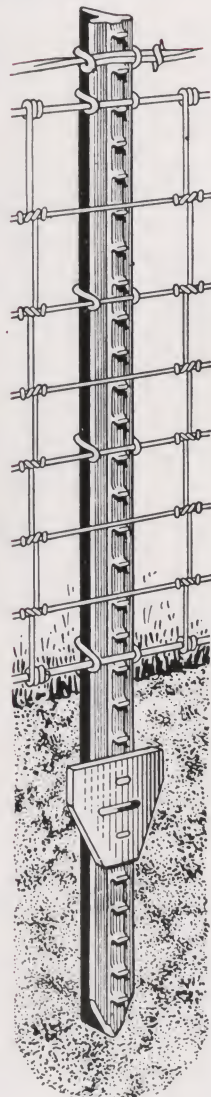


Cut No. 132

Note method of fastening the anchor plate by means of a heavy U bar that clamps around the post; no rivets to pull loose in driving, no holes to weaken the post.



Cut No. 133



Cut No. 131

SPECIFICATIONS

Length	LINE POSTS	Approx. Weight
6' - 0"		8.65 lbs.
6' - 6"		9.32 lbs.
7' - 0"		9.98 lbs.
7' - 6"		10.65 lbs.
8' - 0"		11.31 lbs.

ROUND ENDS

7' - 0"	45 lbs.
8' - 0"	51 lbs.
9' - 0"	58 lbs.

ROUND CORNERS

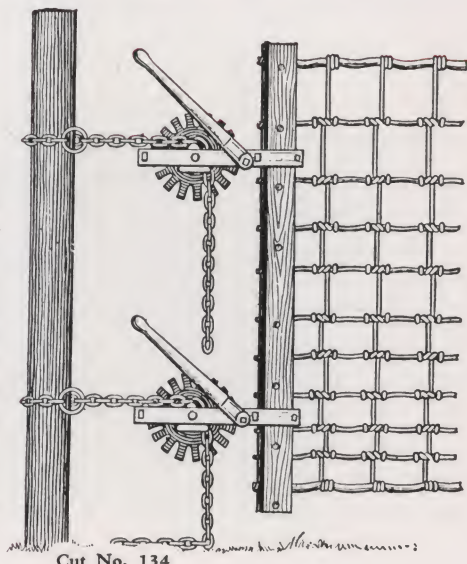
7' - 0"	65 lbs.
8' - 0"	73 lbs.
9' - 0"	82 lbs.

Kokomo Stretchers and Splicers

The Pioneer Double Jack Stretcher

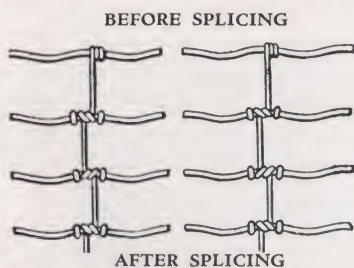
The Pioneer Double Jack Stretcher is built with the installation of good fence in mind. This stretcher measures up in every way with the high standard of the entire Kokomo Pioneer Line. We believe that it cannot be improved upon as evidenced by the satisfactory service it is giving users everywhere.

The Kokomo Pioneer Stretcher is also furnished with a single jack but the model pictured above is recommended for high fencing.

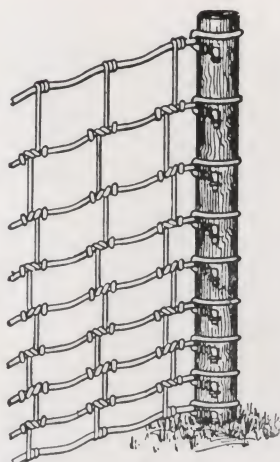


Cut No. 134

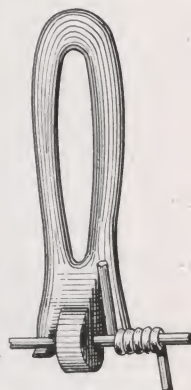
Kokomo Splicers



Cut No. 135



Cut No. 136



Cut No. 137

KOKOMO PIONEER FENCE can be easily spliced by trimming the ends of the line wires and bringing up the end stays together as shown in the illustration. Then twist the ends of the line wires, using the splicer for this purpose.

Pioneer Kokomo Lawn Fence

Pioneer Kokomo Lawn Fence, as the name implies, was one among the first woven wire lawn fences introduced to the American public.

Many great improvements in manufacture have been perfected since the invention of our first machine, over 30 years ago, and we have kept abreast of the times by constantly adding new equipment that would not only justify but also keep the name of "Pioneer" as a natural leader in the eyes of the consuming public.

Lawn fence is finding an ever increasing market. Today almost every home lover can use lawn fencing to advantage, either for front or back yard enclosures, divisional lines or for affording privacy to a country estate.

Pioneer Kokomo Lawn Fence will increase property values. It lends dignity to the appearance of a home, protects lawns and flowers from romping children and marauders and makes your property a private playground instead of a public thoroughfare.

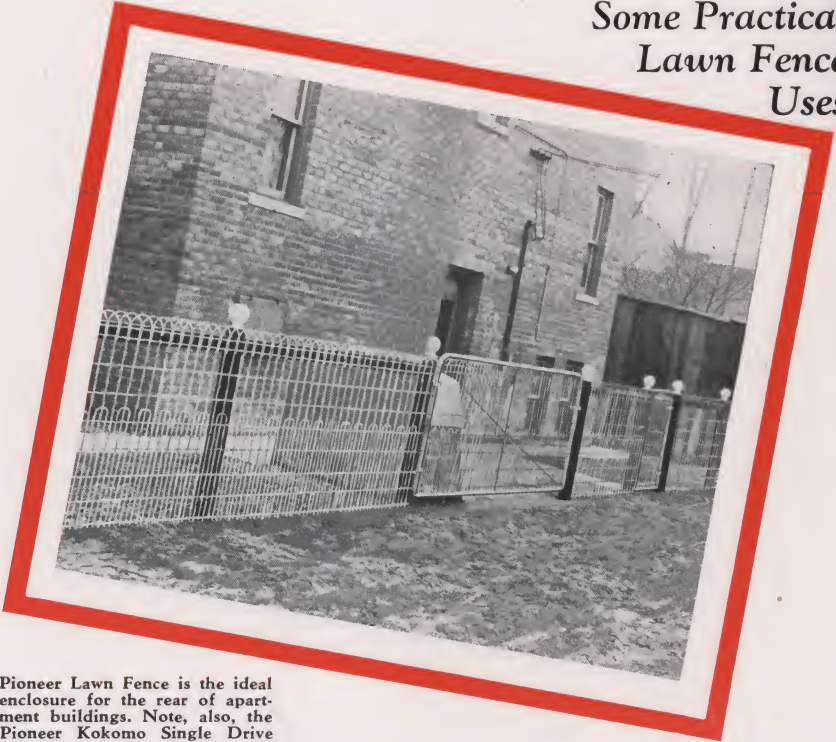
It is dangerous for children to play without the protection of lawn fence. Guard their path safely with Pioneer Kokomo Lawn Fence and permit them the freedom of the outdoors where they may exercise at will, without your constant fear of danger.

Manufacturing a complete line of farm fence, nails, wire and kindred products, which can be shipped in mixed car shipments, every dealer can stock lawn fence, without taking up too much floor space, or investing a great deal of capital.

During the past few years lawn fence sales have shown a big increase, chiefly because of the growing pride of folks to make their homes more attractive.

The Pioneer Kokomo Lawn Fence complete line is illustrated in the following pages and if there is any special service that we may render in helping you in the proper selection of your needs we shall be glad to have you write us.

Some Practical Lawn Fence Uses



Pioneer Lawn Fence is the ideal enclosure for the rear of apartment buildings. Note, also, the Pioneer Kokomo Single Drive Gate.



Children are safe from traffic dangers when they play in a yard that is enclosed with Pioneer Kokomo Lawn Fence.

Some Practical Lawn Fence Uses

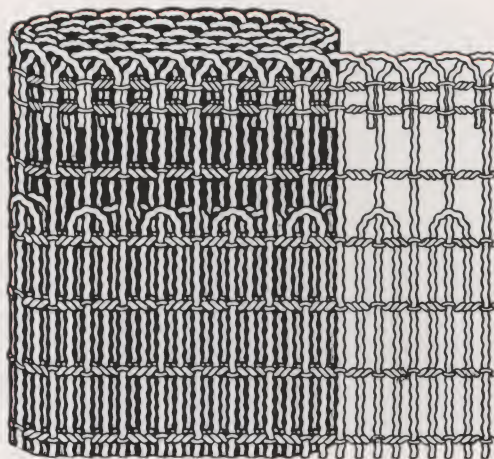


A typical installation of Pioneer Kokomo Style "L" Lawn Fence enclosing the back yard of a private home.



Illustrating the use of Pioneer Lawn Fence for alley and divisional line. This also illustrates Pioneer Kokomo Walk Gate and Double Drive Gate.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo Lawn Fence

Style "L" Fabric

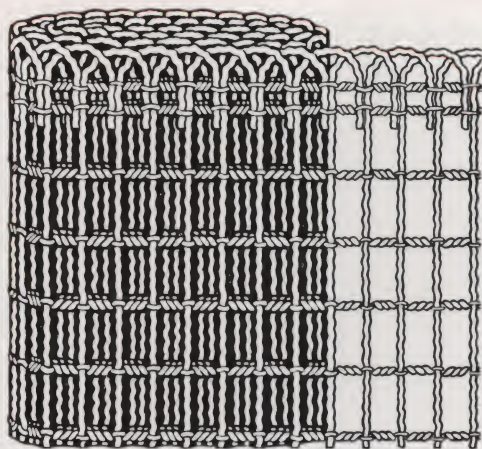
STYLE "L" fulfills every requirement for an all purpose fence and is our most popular lawn fence fabric for front yards, back yards, country estates or divisional lines. Pickets are of heavy galvanized crimped wire spaced $1\frac{3}{8}$ inches apart at the bottom, 3 inches apart at the top. Cables are two galvanized wires twisted spaced $2\frac{3}{8}$ inches apart at the top, balance 6 inches apart. This fabric is made only from "copper-content" rust-resisting wire which gives INSIDE protection from rust. Evenly and heavily coated with $99\frac{1}{2}\%$ pure zinc which affords OUTSIDE protection from rust. Completed with a beautiful *silver satin finish*.

LIST PRICES OF PIONEER KOKOMO STYLE "L" FABRIC

Per Lineal Foot

Height in inches.....	24	30	36	42	48	54	60	72
Number of cables.....	5	6	7	8	9	10	11	13
List price per ft.....	\$0.18	\$0.20	\$0.22	\$0.24	\$0.28	\$0.32	\$0.36	\$0.44

Standard size rolls — 165 or 330 feet.



Pioneer Kokomo Lawn Fence

Style "M" Fabric

STYLE "M" fabric is attractive though simple in design, built substantially, and sold at a reasonable price. Particularly adapted for backyard and division fencing. Pickets are of heavy galvanized crimped wire. Spaced 3 inches apart. Cables are two galvanized wires twisted spaced $2\frac{3}{8}$ inches apart at the top, balance 6 inches apart. Made exclusively from "copper-content" rust-resisting wire which gives INSIDE protection from rust. Heavily and evenly coated with $99\frac{1}{2}\%$ pure zinc, which affords OUTSIDE protection from rust. Completed with beautiful *silver satin finish*.

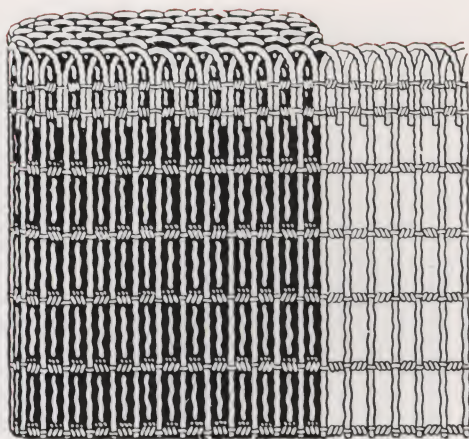
LIST PRICES OF PIONEER KOKOMO STYLE "M" FABRIC

Per Lineal Foot

Height in inches.....	24	30	36	42	48	54	60	72
Number of cables.....	5	6	7	8	9	10	11	13
List price per ft.....	\$0.12	\$0.14	\$0.16	\$0.18	\$0.20	\$0.24	\$0.28	\$0.34

Standard size rolls — 165 or 330 feet.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo Lawn Fence

Style "O" Fabric

STYLE "O" fabric is used extensively everywhere because of its strength, beauty and long life. Pickets are of heavy galvanized crimped wire spaced $1\frac{7}{8}$ inches apart from top to bottom. Cables are two galvanized wires twisted, spaced $2\frac{3}{8}$ inches apart at the top, balance 6 inches apart. Made exclusively from "copper-content" rust-resisting wire which gives INSIDE protection against rust. Heavily and evenly coated with $99\frac{1}{2}\%$ pure zinc, which affords OUTSIDE protection against rust. Completed with a beautiful *silver satin finish*.

LIST PRICES OF PIONEER KOKOMO STYLE "O" FABRIC

Per Lineal Foot

Height in inches.....	24	30	36	42	48
Number of cables.....	5	6	7	8	9
List price per ft.....	\$0.18	\$0.20	\$0.22	\$0.24	\$0.28

Standard size rolls — 165 or 330 feet.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo Lawn Fence

Style "R" Fabric

STYLE "R" fabric is practical as well as beautiful and is so closely woven that it is particularly difficult to climb. The pickets are of heavy galvanized wire spaced $1\frac{3}{8}$ inches apart from top to bottom. Cables are two galvanized wires twisted spaced $2\frac{3}{8}$ inches apart at the top, balance 6 inches apart. Made exclusively from "copper-content" rust-resisting wire which gives INSIDE protection against rust. Heavily and evenly coated with $99\frac{1}{2}\%$ pure zinc which affords OUTSIDE protection against rust. Completed with a beautiful *silver satin finish*.

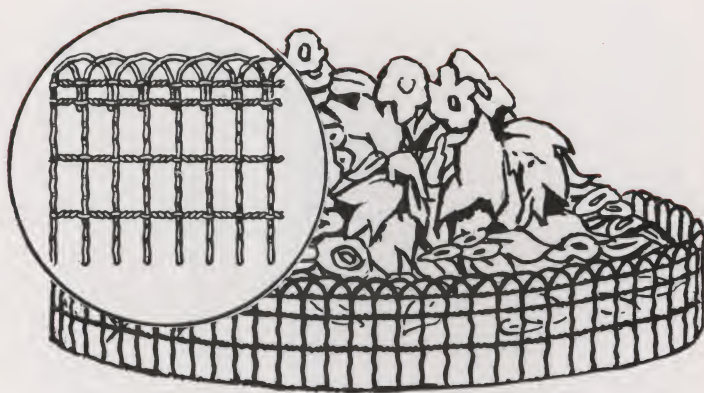
LIST PRICES OF PIONEER KOKOMO STYLE "R" FABRIC

Per Lineal Foot

Height in inches.....	24	30	36	42	48	54	60	72
Number of cables.....	5	6	7	8	9	10	11	13
List price per ft.....	\$0.19	\$0.23	\$0.27	\$0.31	\$0.35	\$0.39	\$0.44	\$0.54

Standard size rolls — 165 or 330 feet.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo Flower Bed Border

PIONEER KOKOMO Flower Bed Border affords ideal protection for flowers and gardens. It provides an artistic method of setting off your shrubs or cultivated gardens, and adds beauty to your home. It is not only beautiful, it is really protective. Made from strong, "copper-content" rust-resisting steel wire. Attractive in design. Protected on the outside from rust with a 99½% pure zinc coating. Crimped and woven wires gives both strength and rigidity. There are many uses for this attractive border. Completed with a beautiful *silver satin finish*.

PICKETS—made of heavily galvanized crimped wire, spaced 3 inches apart.

CABLES—two galvanized wires twisted, spaced 2¾ inches apart at top, balance 6 inches apart.

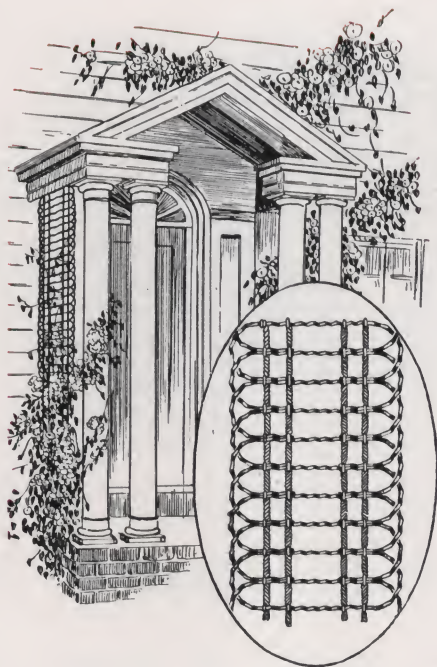
LIST PRICES OF PIONEER" KOKOMO FLOWER BED BORDER

Per Lineal Foot

Height in inches.....	16	22	28
Number of cables.....	3	4	5
List price per ft.....	\$0.11	\$0.13	\$0.15

Standard size rolls — 165 feet.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo Trellis

THE HEAVIEST vines or bushes will not break down a "Pioneer" Kokomo Trellis. It is artistic and beautifully designed, very substantial, and invaluable for training climbing vines or bushes. The use of Pioneer Trellis adds much to the attractiveness of your home. The ornamental weave is of heavy galvanized crimped wires spaced 4 inches apart and cables are two galvanized wires twisted, spaced $2\frac{3}{8}$ inches apart on both sides. Made exclusively of "copper-content" rust-resisting wire which gives protection against rust on the INSIDE. Coated with $99\frac{1}{2}\%$ pure zinc which provides OUTSIDE rust protection. Completed with a beautiful *silver satin finish*.

LIST PRICES OF PIONEER KOKOMO TRELLIS

Per Lineal Foot

Width in inches.....	18	24	30
Number of cables.....	4	5	6
List price per ft.....	\$0.14	\$0.16	\$0.18

Standard size rolls — 165 feet.

THE PATH TO PLENTY IS FENCED WITH PIONEER



This Powerful Display - FREE

There is a "Pioneer" Kokomo Fence display stand at your disposal that will double or treble your fence sales. The following page will give you all the details of this money making proposition.

"Pioneer" is the first and only manufacturer offering retail dealers a Lawn Fence display stand. This new and tested idea for increasing your sales, is something that you will not want to be without.

THE PATH TO PLENTY IS FENCED WITH PIONEER



DISPLAY, *The Greatest Selling Force!*

For the first time in history the magic power of display has been put back of a lawn fence. Here is a new departure in the merchandising of fence—a striking display in flashing colors that sets forth at a glance some of the merits of “Pioneer.”

FREE With 5 Rolls of Fence

This colorful display stand with samples of “Pioneer” Lawn Fence in different heights, together with samples of “Pioneer” Trellis and Flower Bed Border is given by your local jobber absolutely FREE with an order for 5 rolls of lawn fence. You choose the styles that are in regular demand and that you want to sell.

On the foregoing page is an actual photograph of the “Pioneer” fence display. The attractive, convenient construction of this great selling force is immediately obvious.

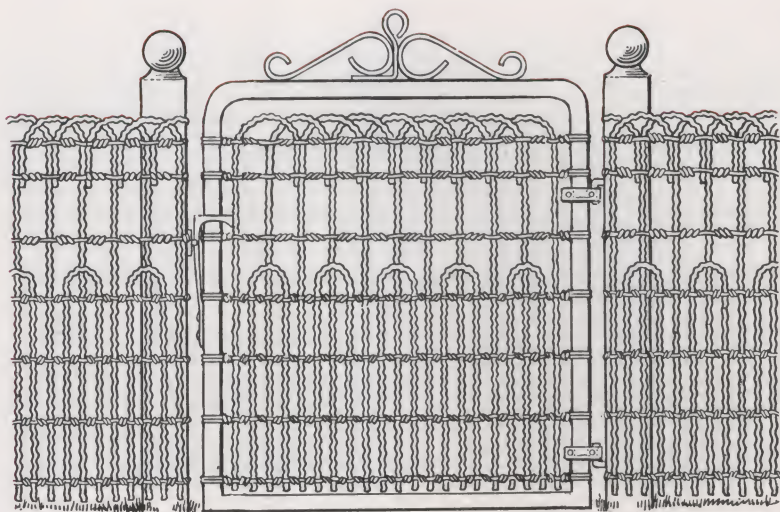
We have increased our business by stimulating the demand for our dealers.

This display stand is beautifully designed, substantially built and easily accessible. The samples can be viewed from either side of the stand and taken out easily for closer examination. All different heights are included.

A container for folders and other advertising material is on each end of the stand. This makes the display doubly valuable as a selling medium.

You can't afford to be without this “Masterful Silent Salesman!” You will be proud to place it in a prominent place in your store for it will point the way to bigger profits for you on fence.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 15 — With Top Ornament

Pioneer Kokomo Walk Gate

Frames are made of double strength steel tubing $1\frac{1}{8}$ inches in diameter. Electrically welded corners add great strength to the frame and prevents moisture from getting inside.

Style "L" fabric is regularly used as a filler. Styles "M," "O," "R" fabrics will be furnished when specified. Fabrics are made of heavily galvanized wire throughout.

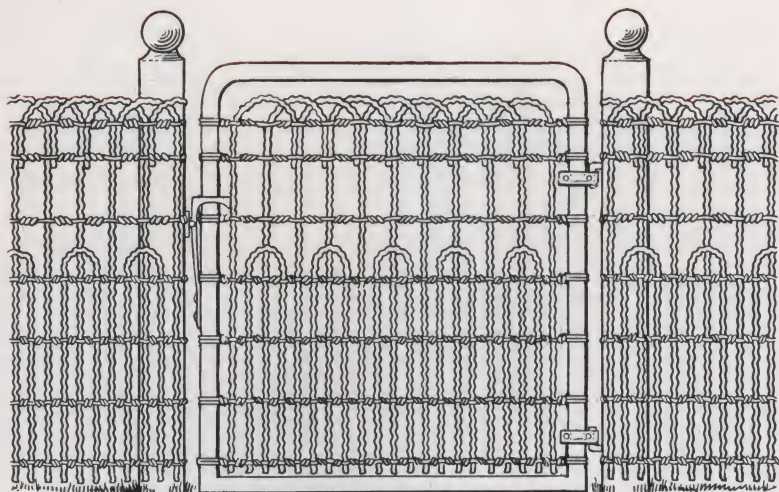
Ornamental gates have artistic scroll tops and are shipped ready to hang with hinges, catch and automatic spring latch for wood posts. A small extra charge is made for steel post fittings except where gates are part of complete fence. When ordering specify kind and size of posts.

Fabric is always galvanized. Frames and fittings are regularly furnished painted green. Entire gate can be supplied completely galvanized if desired. Please state definitely when ordering as otherwise painted gates will be shipped.

LIST PRICES PER GATE

Size Openings	Height in inches 36"	Height in inches 42"	Height in inches 48"	On special size gates there is a lay- out charge of \$1.00 net per gate in ad- dition to the price of the next larger regular size.
2½ Ft.	\$4.80	\$5.00	\$5.20	
3 Ft.	5.00	5.20	5.40	
3½ Ft.	5.20	5.40	5.60	
4 Ft.	5.40	5.60	5.80	
5 Ft.	7.00	7.20	7.40	
6 Ft.	7.80	8.00	8.20	
7 Ft.	8.60	8.80	9.00	

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 16 — With Plain Top

Pioneer Kokomo Walk Gate

This gate is exactly the same in design as the Pioneer Kokomo Walk Gate with Top Ornament except that it does not have the ornamental scroll.

Pioneer Kokomo Ornamental Gates are made by expert workmen—men who have made a life study of high quality gate building. Pioneer Kokomo gates are not only attractive in appearance, they are strong and durable. Frames of double strength steel tubing $1\frac{1}{8}$ inch in diameter, electrically welded at the corners.

Style "L" fabric regularly furnished. Other styles supplied if desired.

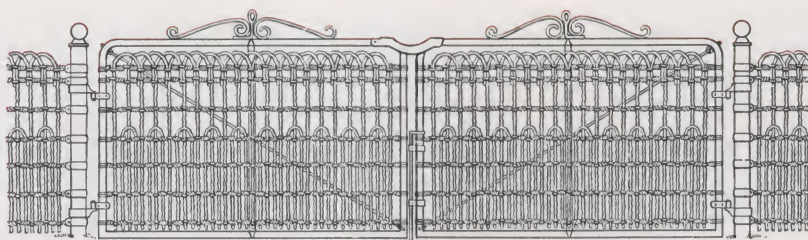
Gates are shipped equipped with hinges, catch and automatic spring latch for wood posts. Steel post fittings supplied at small extra charge. When ordering specify kind and size of posts.

Fabric is always galvanized. Frames and fittings may be either painted green or galvanized. Please state definitely when ordering, whether painted or galvanized is desired.

LIST PRICES PER GATE

Size Openings	Height in inches 36"	Height in inches 42"	Height in inches 48"
2½ Ft.	\$4.20	\$4.40	\$4.60
3 Ft.	4.40	4.60	4.80
3½ Ft.	4.60	4.80	5.00
4 Ft.	4.80	5.00	5.20

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 17

Pioneer Kokomo Double-Drive Gate

Frames of heavy double strength steel tubing $1\frac{1}{8}$ inch in diameter. Frames for gates 16 foot openings and over, $1\frac{3}{8}$ inch in diameter. The electrically welded joints form a square corner at the bottom and add much to the strength and attractiveness of the gate.

Each half of gate is reinforced with one perpendicular and one diagonal brace to prevent sagging. *Diagonal brace has adjustable "take-up" eye bolt.*

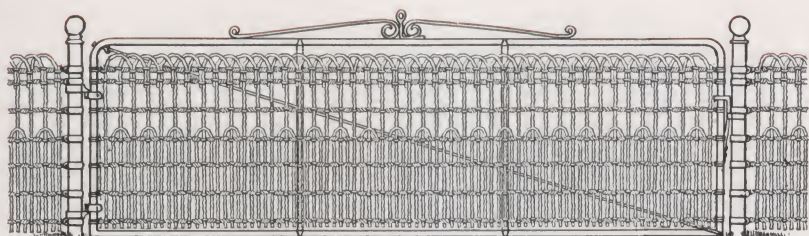
Double-drive gates are furnished with fittings so that one half of gate may be held firmly in place and the other half used as a walk gate when full opening is not desired. These gates are practical as well as beautiful and are built to give a maximum of service over a long period of time.

LIST PRICES PER GATE

Size Openings	Height in inches 36"	Height in inches 42"	Height in inches 48"
8 Ft.	\$11.60	\$11.80	\$12.00
10 Ft.	13.60	13.80	14.00
12 Ft.	15.60	15.80	16.00
14 Ft.	17.60	17.80	18.00
16 Ft.	21.60	21.80	22.00
18 Ft.	25.60	25.80	26.00

For special size double gates we charge the price of our next larger regular size plus \$2.00.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 18

Pioneer Kokomo Single-Drive Gate

Frames of heavy double strength steel tubing $1\frac{3}{8}$ inch in diameter, electrically welded at corners. Gates for 8 foot openings have single perpendicular brace, 10 and 12 foot have two, 14 and 16 foot openings have three perpendicular braces. One adjustable diagonal brace for all widths.

Style "L" fabric regularly used. Styles "M," "O" and "R" will be furnished if desired.

Single Drive gates have ornamental scroll tops and are shipped complete with hinges, catch and automatic spring latch for wood posts. Steel post fittings will be supplied to fit any standard size steel post at a small extra charge. When ordering specify kind and size of post.

Frames and fittings are regularly furnished painted green. Gates can be supplied completely galvanized if desired. Please state definitely when ordering as otherwise painted gates will be shipped.

LIST PRICES PER GATE

Size Openings	Height in inches 36"	Height in inches 42"	Height in inches 48"
8 Ft.	\$12.00	\$12.20	\$12.40
10 Ft.	14.00	14.20	14.40
12 Ft.	16.00	16.20	16.40
14 Ft.	18.00	18.20	18.40
16 Ft.	20.00	20.20	20.40

For all special size gates there is a net charge of \$1.00 per gate in addition to the next larger regular size.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 19

Pioneer Kokomo Farm Gate

Frames are of heavy new steel tubing $1\frac{3}{8}$ inches in diameter. Corners are electrically welded. Frames for the 8, 10 and 12 foot widths are furnished with one center brace. Two center braces for the 14 and 16 foot widths. Braces are from strong $\frac{7}{8}$ inch steel tubing. Every gate has a diagonal brace equipped with eye bolt and nut for adjustment.

Fabric is made from "Pioneer" Fence famous for its *knot that can't slip*. It is full No. 11 gauge wire throughout, tied in firmly and securely to the gate frame. Heavily galvanized. Stay wires only six inches apart. Kokomo "Champion" hinge joint filler of No. 11 wire can be substituted if desired at no extra charge.

Gates are shipped fully equipped with heavy hinges and latches for wood posts. If desired, hinges and latches for steel posts will be supplied at a small extra cost. Please specify on order, "Fittings for steel posts," stating kind and size of posts.

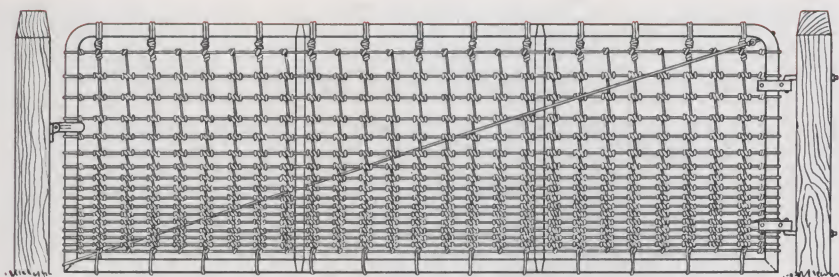
Frame and fittings are furnished painted green or heavily galvanized. Fabric is always galvanized. Unless otherwise ordered, gates with green painted frames will be supplied.

LIST PRICES PER GATE

Size Openings	Height in inches	Height in inches
	48"	54"
8 Ft.	\$ 8.00	\$ 8.40
10 Ft.	9.00	9.40
12 Ft.	10.00	10.40
14 Ft.	11.60	12.00
16 Ft.	12.60	13.00

For all special size gates we charge the price of our next larger regular size gate plus \$1.00 net.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 20

Pioneer Kokomo Poultry Farm Gate

Designed particularly to meet the constantly growing demand for a rugged long-lived chick-tight gate.

Frames of heavy new steel tubing $1\frac{3}{8}$ inches in diameter, electrically welded at the corners. Frames for the 8, 10 and 12 foot widths are furnished with one center brace. Two center braces for the 14 and 16 foot widths. Braces are of strong $\frac{7}{8}$ inch steel tubing. Every gate has a diagonal brace equipped with eye bolt and nut for adjustment.

Fabric is the renowned "Pioneer" Poultry Mesh with the *knot that can't slip*. Full $12\frac{1}{2}$ gauge heavily galvanized wire used throughout. The four bottom wires are only $1\frac{1}{2}$ inches apart and will turn the smallest chicks.

All gates shipped ready to hang with hinges and latch for wood posts. Small extra charge is made for steel post fittings. When steel post fittings are desired, state on order kind and size of posts.

Fabric is always galvanized. Frames and fittings may be either painted green or galvanized. Please state definitely when ordering as otherwise painted gates will be shipped.

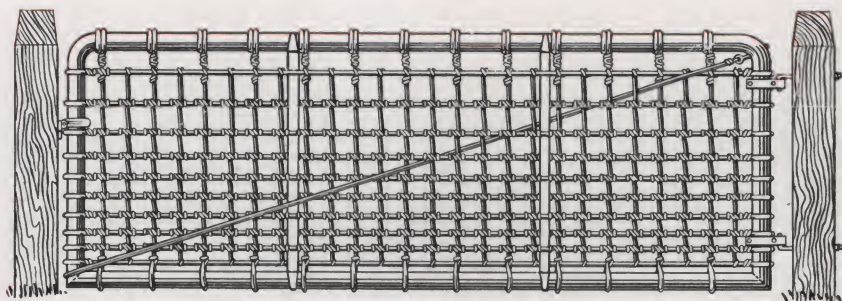
Widths—8, 10, 12, 14 and 16 feet.

Heights—48, 54 and 60 inches.

For prices see net price sheet number 48.

For all special size gates we charge the price of our next larger regular size gate plus \$1.00 net.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 21

Pioneer Kokomo Heavy Farm Gate

This heavy, serviceable, farm gate is especially adapted to the hard places in lane and barn yard where animals are constantly crowding. It is built to withstand hard usage and has been a favorite with American farmers for years.

Frames of heavy new double strength steel tubing $1\frac{3}{8}$ inches in diameter. Made with round corners at the top and solid electrically welded square corners at the bottom. Frames for the 8, 10 and 12 foot widths are furnished with one center brace. Two center braces for the 14 and 16 foot widths. Braces are from strong $\frac{7}{8}$ inch steel tubing. Diagonal brace has adjustable take-up eye bolt.

Fabric is the famous Pioneer fence, all No. 9 gauge wire, heavily galvanized, constructed with the *knot that can't slip*. It is impossible for stock to enlarge the openings. Notice how it is tightly and securely tied in to the gate frame. Stay wires only 6 inches apart.

Equipped with heavy hinges and latches for wood posts. Frames and fittings are furnished either galvanized or painted green. Fabric is always galvanized.

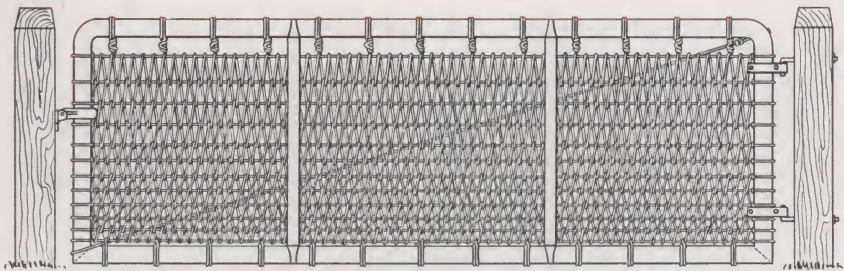
Widths—8, 10, 12, 14 and 16 feet.

Heights—48, and 54 inches.

For prices see net price sheet number 48.

For all special size gates we charge the price of our next larger regular size gate plus \$1.00 net.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 22

Pioneer Kokomo Heavy Stock and Poultry Gate

The standard gate for the Farmer who Diversifies. Here is a gate that fulfills every farm requirement.

Frames of new heavy double strength steel tubing $1\frac{3}{8}$ inches in diameter, with square bottom electrically welded corners. Frames are securely braced to withstand hard usage.

Fabric is an unclimbable two inch diamond mesh of truss form, in which the horizontal wires are No. 10 gauge and diagonal wires No. $12\frac{1}{2}$ gauge. All heavily and evenly galvanized with $99\frac{1}{2}\%$ pure zinc. This closely spaced fabric is chick-tight, bull-proof and adds much to the strength of the gate.

Gates are shipped regularly with heavy hinges and latches for wood posts. Hinges and latches for steel posts will be supplied at a slight extra cost if desired.

Frames and fittings are furnished either painted green or heavily galvanized. Unless otherwise ordered, green painted frames will be shipped.

Widths—8, 10, 12, 14 and 16 feet.

Heights—48, 54, 60 and 66 inches.

For prices see net price sheet number 48.

For all special size gates we charge the price of our next larger regular size gate plus \$1.00 net.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 23

New Pioneer Kokomo Lift Gate

This gate is designed to allow smaller animals to pass under gate, at the same time retarding cattle, horses, etc.

The frame is made from new heavy double strength steel tubing, 1 $\frac{5}{8}$ inches in diameter. Painted green or heavily galvanized. Center brace is made of 1 inch double flat steel and is bolted on each side of the gate frame and filler. The filler is made from the famous "Pioneer" fence fabric with "Pioneer" knot. All No. 9 gauge wire. Stay wires only 6 inches apart. Kokomo "Champion" hinge joint filler of No. 9 wire can be substituted at no extra charge.

The entire gate can be raised 6 to 30 inches allowing the gate to swing over snow drifts. Heavy eye bolts are placed through end bar of gate and attached to each line wire in filler. Nuts permit taking up slack in fabric. Gates are furnished complete with automatic latch and heavy hinges for wood posts. Two supplied with each gate. Hinges and latch for steel posts will be furnished at small extra cost if desired.

Four-point barb wire at top and bottom prevents stock from bearing down on gate or hogs from rooting underneath. Barb wire can be removed if not desired. Gates equipped with ornamental caps over top of end tubes

Fabric is always galvanized. Frame and fittings may be either galvanized or painted green. When ordering please state which is desired.

Widths — 8, 10, 12, 14 and 16 feet.

Heights — 54 inches only.

For prices see net price sheet number 48.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 24

Pioneer "F" Self-Raising Gate

A self-lifting gate that has found favor everywhere. Heavy, rust-proofed construction guarantees long life and satisfaction.

Made from high carbon steel tubing 2 inches in diameter. Heavily galvanized. Filler all No. 9 wire with crossbars 6 inches apart. Each crossbar wrapped around the top and bottom and filler drawn taut in the frame. Never gets out of shape. Hinges and latches are galvanized and furnished with gate which comes ready to put on posts. There is a double latch; one holds the gate down to its powered position, parallel with the ground, and one holds the gate in its closed position either raised or lowered. Either can be used independent of the other.

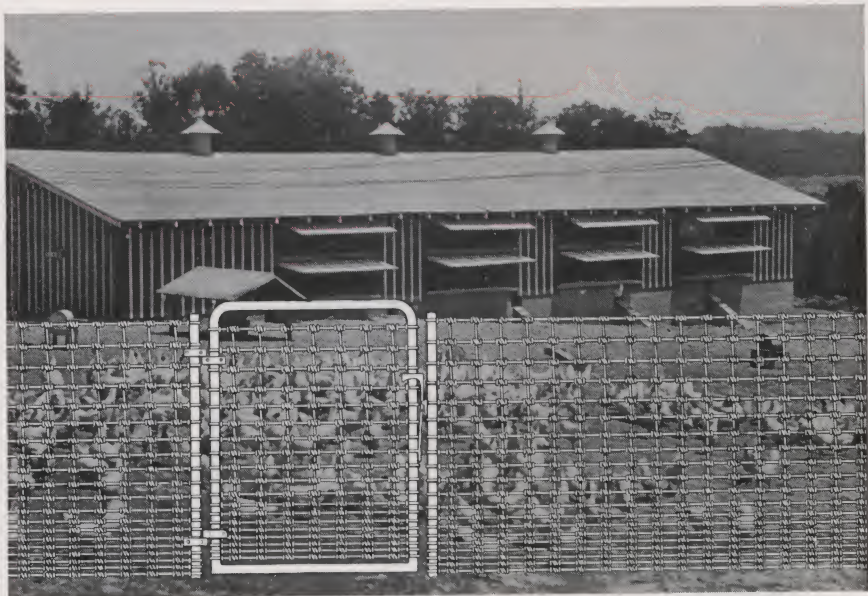
This gate is strong, massive and durable. Frame and filler both galvanized. Swings free and easy over snow or hummocks. No lifting or dragging. Outside or latch end of gate automatically springs up to raised position. Gate never sags or gets out of position.

Made for openings — 10, 12, 14, or 16 feet.

In 54 inch height only. Furnished in galvanized finish only.

For prices see net price sheet number 48.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Style 25

Pioneer Kokomo Poultry Walk Gate

Poultry raisers find that the "Pioneer" Kokomo Poultry Gate meets every requirement of correct chicken culture. The close mesh of the filler, the sturdy, rigid construction of the frame, and general performance of this gate is responsible for its unusual popularity. Firm, positive latching prevents gate from swinging open. Easily opened or closed from either side.

Frames of heavy $1\frac{1}{8}$ inch new steel tubing, with square bottom electrically welded corners. Furnished either painted green or galvanized. Please specify your preference. Galvanized gates are protected with a heavy, even coating of $99\frac{1}{2}\%$ pure zinc, to resist rust.

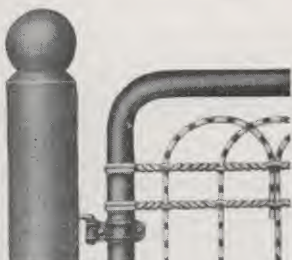
Filler is made from the famous "Pioneer" poultry fabric with the *knot that can't slip*, full $12\frac{1}{2}$ gauge wire throughout. Stay wires all heavily galvanized. Four $1\frac{1}{4}$ inch spaces between line wires at the bottom turns even the smallest chickens.

Shipped complete with hinges, catch and automatic spring latch.

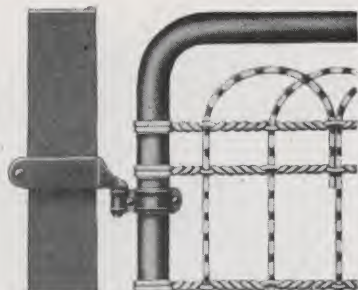
LIST PRICES PER GATE

Size Openings	Height in inches 42"	Height in inches 48"	Height in inches 60"
3 Ft.	\$3.05	\$3.20	\$3.50
$3\frac{1}{2}$ Ft.	3.20	3.35	3.65
4 Ft.	3.35	3.50	3.80

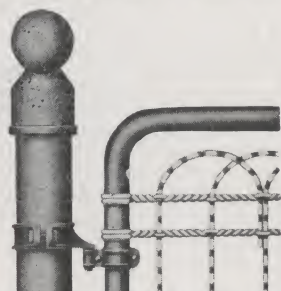
Detail of Gate Fittings



No. 154 Female Hinge and No. 157 Male Hinge attached properly to wood post.



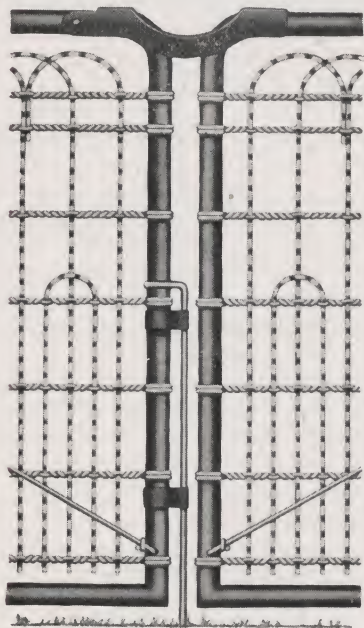
No. 154 Female Hinge and No. 164 Male Hinge attached to 2" x 2" Angle steel post.



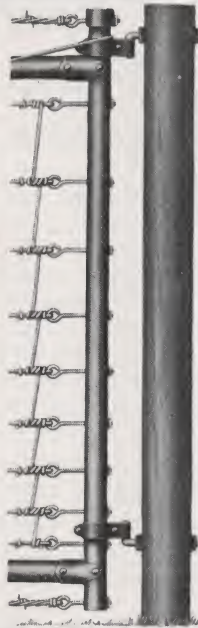
No. 154 Female Hinge and No. 161 Male Hinge attached properly to tubular steel post.



No. 155 Female Hinge for $1\frac{3}{8}$ " O. D. gate frame and No. 158 Male Lag Screw Hinge for Farm Gate attached properly to wood post.

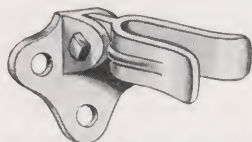


No. 179 Double Drive Gate latching arms showing latched position.

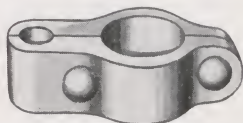


No. 156 Female Hinge for $1\frac{3}{8}$ " O. D. gate frame and No. 158 Male Top Bolt Hinge for "Pioneer" Lift Gate attached to wood post.

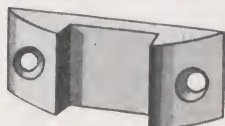
Detail of Gate Fittings



No. 172 — Wing Latch for Wood Post.



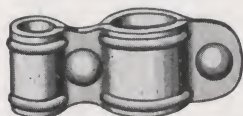
No. 156 — Female Hinge for $1\frac{5}{8}$ " O. D. Gate Frame.



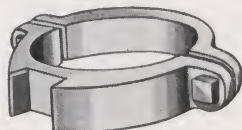
No. 165 — Wood Post Gate Catch.



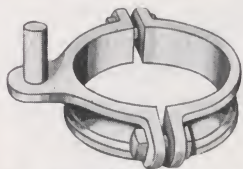
No. 175 — Wing Latch for $2'' \times 2''$ Angle Post.



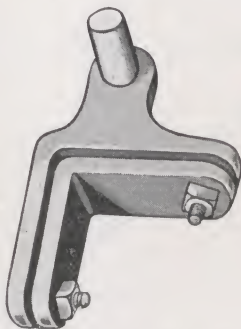
No. 154 — Female Hinge for $1\frac{1}{8}$ " O. D. Gate Frame.



No. 168 — Gate Catch for Tubular Steel Post.



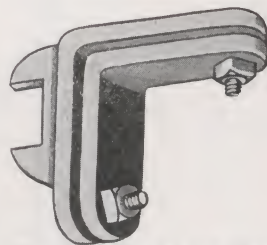
No. 161 — Male Hinge for Tubular Steel Post.



No. 164 — Male Hinge for $2'' \times 2''$ Angle Post.



No. 150 — Ball Top Ornament for Tubular Steel Post.



No. 170 — Angle Post Gate Catch for gates equipped with spring latch.



No. 150-S — Spear Ornament for Tubular Steel Posts.



No. 179 — Double Gate Latching Arm.



No. 158 — Male Top Bolt Hinge. $8\frac{3}{4}$ " shank.



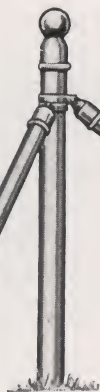
No. 157 — Male Lag Screw Hinge. $5\frac{1}{2}$ " in length.



No. 177 Spring Latch for Walk Gates.

Pioneer Kokomo Tubular Steel Posts

CORNER POSTS



Pioneer Kokomo Corner Posts are made from new heavy, durable, double strength steel tubing $2\frac{1}{2}$ inches in diameter. Furnished with two diagonal braces, $1\frac{3}{4}$ inches in diameter, also two adjustable castings to connect braces to post. Posts may be either painted green or galvanized. When ordering please state which is desired.

Size Out-side Diam.	Length in Inches	List Prices
$2\frac{1}{2}$ "	66	\$4.70
$2\frac{1}{2}$ "	72	5.00
$2\frac{1}{2}$ "	78	5.30
$2\frac{1}{2}$ "	84	5.60
$2\frac{1}{2}$ "	90	5.90
$2\frac{1}{2}$ "	96	6.20
$2\frac{1}{2}$ "	108	6.90

LINE POSTS

Line Posts are $1\frac{3}{4}$ inches in diameter and should set at least 2 feet and 3 inches in the ground.

Size Out-side Diam.

Length in Inches

List Prices

$1\frac{3}{4}$ "
 $1\frac{3}{4}$ "
 $1\frac{3}{4}$ "
 $1\frac{3}{4}$ "
 $1\frac{3}{4}$ "
 $1\frac{3}{4}$ "
 $1\frac{3}{4}$ "

60
66
72
78
84
90
96

\$1.70
1.80
1.90
2.00
2.10
2.20
2.30

END AND GATE POSTS

The End and Gate Posts are made of the same high quality double strength steel tubing as the corner posts and are $2\frac{1}{2}$ inches in diameter. Furnished with one adjustable diagonal brace $1\frac{3}{4}$ inches in diameter. Ornaments will be supplied if desired for end, gate, corner and line posts at a small additional charge.

Size Out-side Diam.	Length in inches	List Prices
$2\frac{1}{2}$ "	66	\$3.65
$2\frac{1}{2}$ "	72	3.85
$2\frac{1}{2}$ "	78	4.05
$2\frac{1}{2}$ "	84	4.30
$2\frac{1}{2}$ "	90	4.55
$2\frac{1}{2}$ "	96	4.80
$2\frac{1}{2}$ "	108	5.30



PLEASE NOTE

In order for the Line Posts to set 2 feet and 3 inches in the ground and the End, Gate and Corner Posts to set 2 feet and 9 inches in the ground, you should order the following length posts:

		Line Posts	End, Gate or Corner Posts
For Fabric	30 inches high	60 inches	66 inches
For Fabric	36 inches high	66 inches	72 inches
For Fabric	42 inches high	72 inches	78 inches
For Fabric	48 inches high	78 inches	84 inches
For Fabric	54 inches high	84 inches	90 inches
For Fabric	60 inches high	90 inches	96 inches
For Fabric	66 inches high	96 inches	108 inches

General Information

FOR COMPLETE FENCE

Pioneer Kokomo Complete Fence includes the fabric, posts, rail, and all fittings necessary for erection. It is manufactured strictly to your order and according to your diagram of measurement.

With every shipment of complete fence we send detailed instructions telling you exactly what to do. You can't go wrong.

FOR THE PAINTED FENCE all ornaments and railing sleeves are finished in silver bronze. All posts, rails and gate frames are painted thoroughly at our factory with the best green paint for the first coat, and with every shipment, we send a sufficient amount of black lead and oil paint to give the fence another coat after it is erected. The contrast between the bright silver bronze ornaments and the jet black posts and railing, gives you a fence that is not excelled for beauty. Fabric and braid wire always heavily galvanized.

FOR THE GALVANIZED FENCE all posts, railing, ornaments and fittings are heavily galvanized, giving you a fence that is rust-resisting and long lived. It is not necessary that this fence be painted unless you should prefer a different color than the bright galvanized finish.

The fence is made to conform exactly to the measurements which you give us, and it is only necessary for you to put the different sections together with the fittings, etc., which we furnish. You do not have any rail or fabric to cut. We do this. The ornaments are fastened to the posts with a set screw. Clamps are used to connect the line rail to the end gate, or corner posts, and are secured by heavy bolts. Each cable wire is stretched by a separate ratchet, which enables you to tighten them at any time. We furnish everything you need to erect our fencing, complete, even to the tie wires used to fasten the wire fabric securely to the line posts.

Remember that with every shipment of complete fence with the painted finish, we send a sufficient quantity of the best black lead and oil paint to give the fence another coat after it has been erected.

How to Measure Your Property

First, measure from end post to edge of first gate, then show size of gate required. Then measure from the other side of gate to the edge of the second gate, or to corner or end as the case may be, and so on to the end of fence. Show the exact number of feet of fence required for each section and all gate locations.

Always give size of gate and state whether single or double. Always make a diagram showing position the fence will occupy when erected.

In addition to section measurements, always give total measurements of each line of fence, over all, from one end to the other, including gates.

There will be a small extra charge of \$1.00 for each end gate and corner post when order is less than 50 feet or to enclose a small cemetery lot.



Pioneer Kokomo "Standard" Complete Fence

"Standard" complete fence is exceptionally strong. It will give absolute protection and is very attractive in appearance. The beauty of this fence will add greatly to your property value. Made from new material throughout. Can be furnished in the painted style or completely galvanized and with either ball or spear top ornaments. Made in four styles of fabric.

Posts and rail of new heavy double strength steel tubing.

End, gate and corner posts	2½ inches in diameter
Line posts	1¾ inches in diameter
Line Rail	1⅜ inches in diameter

Line posts spaced approximately 8 feet apart.

Fabric and braided wire always heavily galvanized.

LIST PRICES OF "STANDARD" COMPLETE FENCE

Height to braided wire.....	37 in.	43 in.	49 in.	55 in.
Height of fabric.....	30 in.	36 in.	42 in.	48 in.
List price per ft. "L" fabric.....	\$0.71	\$0.75	\$0.79	\$0.83
List price per ft. "M" fabric.....	.65	.69	.73	.76
List price per ft. "O" fabric.....	.71	.75	.79	.83
List price per ft. "R" fabric.....	.74	.80	.86	.90

All prices F. O. B. Kokomo

The above prices apply to complete fence. For prices of gates see pages 41, 42, 43 and 44.

When ordering advise style and height of fabric and style ornaments desired.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer Kokomo "Special" Complete Fence

"Special" complete fence has proven one of our leaders. It serves every requirement demanded by a first class lawn fence. Beautifully constructed and offers a maximum of utility and protection. Made from new material throughout. Furnished in the painted style or completely galvanized, and with ball or spear top ornaments. Posts and railing made in the following sizes of new heavy double strength steel tubing:

End, gate and corner posts.....	1 3/4 inches in diameter
Line posts	1 3/8 inches in diameter
Line rail	1 1/8 inches in diameter

Line posts spaced approximately 8 feet apart.

LIST PRICES OF "SPECIAL" COMPLETE FENCE

Height to braided wire	37 in.	43 in.	49 in.	55 in.
Height of fabric	30 in.	36 in.	42 in.	48 in.
List price per ft. "L" fabric.....	\$0.58	\$0.61	\$0.65	\$0.70
List price per ft. "M" fabric.....	.54	.57	.60	.64
List price per ft. "O" fabric.....	.58	.61	.65	.70
List price per ft. "R" fabric.....	.60	.64	.69	.75

All prices F. O. B. Kokomo

The above prices do not include gates. See pages 41, 42, 43 and 44 for gate prices. When ordering advise style and height of fabric and kind of ornaments desired.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Pioneer "Standard" Arch

"Standard" and "Kokomo" Arches are made from new material throughout. The standards or posts are made of 2½ inch outside diameter, heavy steel tubing. We furnish two braces which connect to the top of the arch and to an anchor buried in the ground for additional support. The letters in the inscription are made of heavy galvanized iron and soldered securely to the wire fabric in the arch top. In the painted style the lettering and post ornaments are furnished in silver bronze. When furnished galvanized every part will be completely galvanized.

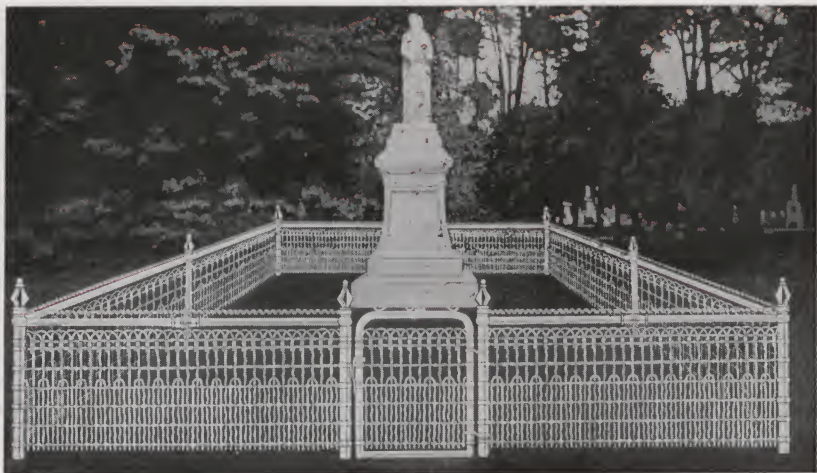


Pioneer "Kokomo" Arch

Width	Height	List Price "Standard" Arch	List Price "Kokomo" Arch
3	8	----- do	\$25.00
4	8	----- not	30.00
6	8	----- furnish	35.00
8	12	\$ 70.00	40.00
10	12	75.00	45.00
12	12	85.00	50.00
14	12	100.00	55.00

Furnished complete including any lettering desired. All prices F. O. B. Kokomo. The above prices do not include gates. For gate prices see pages 41, 42, 43 and 44.

THE PATH TO PLENTY IS FENCED WITH PIONEER



Fence Enclosing Cemetery Lot

The beauty, protection and dignity that is added to the cemetery lot by Pioneer Kokomo Complete Lawn Fence are not to be measured in dollars. Here is one of the greatest needs for the peaceful privacy that only a substantial, yet handsome, wire fence can give.

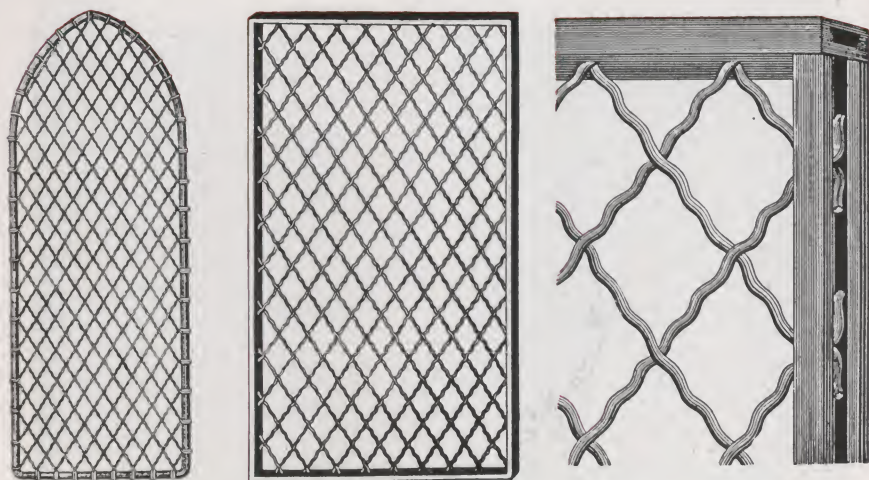
By using Pioneer Kokomo Lawn Fence, flowers are protected and the Cemetery Lot will present a well-kept appearance that cannot be secured any other way.

Any of our different styles or heights of complete ornamental fence can be built to enclose any size cemetery lot with gate as desired.

Any of our different fences can be erected on stone, brick, or cement wall or curb.

It is very easy to set the posts while the curb is being built, but should the curbing be in place without holes, it is necessary to drill holes to sufficient depth and width to hold the posts and then fill in around the posts using either cement or lead. We suggest making the holes at least 1 inch wider in diameter than the size of the posts.

THE PATH TO PLenty IS FENCED WITH PIONEER



Pioneer Kokomo Wire Window Guards and Partition Screens

"Pioneer" Kokomo Wire Screen is exceptionally strong and will withstand great strain or attack from blunt objects. The illustrations above show our double crimped wire window screen with rounded iron frame, as well as channel iron frame.

Most guards are made using No. 12 wire woven into $1\frac{1}{4}$ inch mesh but any size can be furnished in any dimension.

Prices will be quoted on request. Supply us with dimensions of windows and describe size of wire and mesh, as well as type of frame. For all other purposes complete information should be given in asking for estimates.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Pioneer Kokomo Wire Window Guards and Partition Screens

HUNDREDS of uses are found for this heavy protective crimped wire screen. It is used largely in factories, machine shops, garages, etc., to partition off tool and stock rooms. Doors are equipped with substantial automatic locks operated with a key from the outside.

Churches, particularly, find the heavy crimped screen valuable as a protection for stained glass windows. In the rear of many business houses it is found advisable to install such protection, especially on the lower floors, as precaution against thieves.

Open trucks, delivery vehicles and the like are also equipped with this screening. The illustrations will show a few of the many uses of "Pioneer" wire screen.

Prices will be quoted on any type of installation. Be sure and send us complete descriptive information and dimensions of openings to be covered, together with data on number of openings or doors, as well as size of wire and mesh, and type of frame.

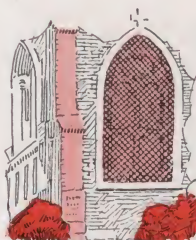
Machine Guards



Tool Room Partitions or Cashier's Cage



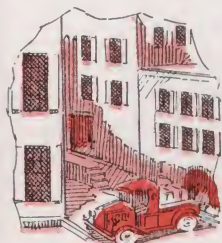
Parts Department Partitions



Church Windows



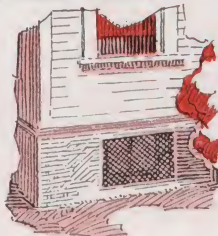
Locker Rooms



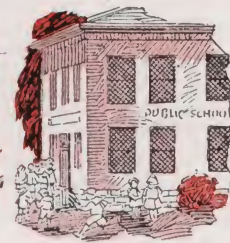
Alley Windows



Truck Enclosures



Basement Windows



School Windows

THE PATH TO PLENTY IS FENCED WITH PIONEER

Parts List

Number	Description	List Price
132	End Clamp for 2½" Post and 1⅜" Rail	\$.40
133	End Clamp for 1¾" Post and 1⅜" Rail	.30
134	Corner Clamp for 2½" Post and 1⅜" Rail	.55
135	Corner Clamp for 1¾" Post and 1⅜" Rail	.40
136	Continuous Clamp for 2½" Post and 1⅜" Rail	.60
137	Continuous Clamp for 1¾" Post and 1⅜" Rail	.45
138	Tee Post Clamp for 2½" Post and 1⅜" Rail	.70
139	Tee Post Clamp for 1¾" Post and 1⅜" Rail	.65
140	Special Angle Clamp for 2½" Post and 1⅜" Rail	.65
141	Special Angle Clamp for 1¾" Post and 1⅜" Rail	.40
142	End Ratchets for 2½" Posts	.30
143	End Ratchets for 1¾" Posts	.25
144	Corner Ratchets for 2½" Posts	.40
145	Corner Ratchets for 1¾" Posts	.30
146	Tie Rings for 2½" Posts	.12
147	Tie Rings for 1¾" Posts	.08
148	Railing Sleeve for 1⅜" Railing	.35
149	Railing Sleeve for 1⅜" Railing	.30
150	Ball Top Ornament for 2½" Tubular End, Gate and Corner Posts	1.25
151	Ball Top Ornament for 1¾" Tubular End, Gate and Corner Posts	1.00
152	Ball Top Ornament for 1¾" Line Post 1⅜" Rail	.85
153	Ball Top Ornament for 1⅜" Line Post 1⅜" Rail	.80
150S	Spear Top Ornament for 2½" Tubular End, Gate and Corner Posts	1.25
151S	Spear Top Ornament for 1¾" Tubular End, Gate and Corner Posts	1.00
152S	Spear Top Ornament for 1¾" Line Post 1⅜" Rail	.85
153S	Spear Top Ornament for 1⅜" Line Post 1⅜" Rail	.80
154	Female Hinge for 1⅜" O. D. Gate Frame	.15
155	Female Hinge for 1⅜" O. D. Gate Frame	.20
156	Female Hinge for 1⅜" O. D. Gate Frame	.30
157	Male Screw Hinge for Wood Post	.16
158	Male Top Bolt Hinge for Wood Post 8¾" Shank	.50
159	Male Hinge for 1¾" O. D. Tubular Posts	.30
160	Male Hinge for 2" O. D. Tubular Posts	.35
161	Male Hinge for 2½" O. D. Tubular Posts	.40
162	Male Hinge for 3" O. D. Tubular Posts	.45
163	Male Hinge for 4" O. D. Tubular Posts	.85
164	Male Hinge for 2" x 2" Angle Posts	.75
165	Gate Catch for Wood Post—Gate equipped with spring latch	.15
166	Gate Catch for 1¾" O. D. Tubular Post, gate equipped with spring latch	.30
167	Gate Catch for 2" O. D. Tubular Post, gate equipped with spring latch	.35
168	Gate Catch for 2½" O. D. Tubular Post, gate equipped with spring latch	.40
169	Gate Catch for 3" O. D. Tubular Post, gate equipped with spring latch	.45
170	Gate Catch for 2" x 2" Angle Iron Post—Gate equipped with spring latch	.75
171	Wing Gate Latch—For Wood Posts—Gate frame 1⅜" in diameter	.50
172	Wing Gate Latch—For Wood Posts—Gate frame 1⅜" in diameter	.55
173	Wing Gate Latch—For Wood Posts—Gate frame 1⅜" in diameter	.60
174	Wing Gate Latch—For 2"x2" Angle Iron Posts—Gate frame 1⅜" in diameter	.75
175	Wing Gate Latch—For 2"x2" Angle Iron Posts—Gate frame 1⅜" in diameter	.80
176	Wing Gate Latch—For 2"x2" Angle Iron Posts—Gate frame 1⅜" in diameter	.85
177	Spring Gate Latch—For 1⅜" Gate frame	.35
178	Spring Gate Latch—For 1⅜" Gate frame	.40
179	Double Drive Gate Latching Arm—For Ornamental Double Drive Gate	.50
180	Double Drive Gate Drop Rod—For holding one wing of Double Drive Gate in stationary position	.35
181	Center Brace Clamp—For 1⅜" Gate frame	.08
182	Center Brace Clamp—For 1⅜" Gate frame	.10
183	Corner Fitting—For New Pioneer Kokomo Lift Gate	.20
184	Ornamental Cap—For New Pioneer Kokomo Lift Gate	.15
185	Line Rail—1⅜" O. D.—per foot	.12
186	Line Rail—1⅜" O. D.—per foot	.15
	Braided Wire, Per Foot	.04
	Silver Bronze, Per Quart	1.50
	Black Paint, Per Quart	.75
	Green Paint, Per Quart	.75

When Ordering, Use Both Number and Description.

Continental Nails

Realizing many years ago that wire nails would eventually replace the old type of cut nails, we set out to establish ourselves as leaders in this field of manufacture. Since the introduction of Continental Nails to the trade there has been no time when they have not been recognized to be definitely superior in quality.

With the passing of time the wire nail industry became diversified. Specially shaped nails have been found to be cheaper and more efficient than some other fasteners previously used. The Continental Mills at Kokomo through its nail experts have helped to create this condition by a vast amount of research and the invention of new machinery to meet the ever varying possibilities of wire nails. Mass production has not dimmed our perpetual striving for quality. On the contrary, we have developed a system of inspection which absolutely guarantees first class quality nails. Every keg of nails which leaves our plant has had a final inspection and the quality recorded just prior to putting the head in the nail keg.

Continental Galvanized Nails are coated with PURE ZINC, applied by the special Continental process which insures quality. This zinc coating is heavy and durable. The coating is uniform throughout, guarding against corrosion at any point. Continental Nails are bright and lustrous in appearance. Our nails are thoroughly separated and do not stick together as ordinary nails do. Some manufacturers use heat to change the zinc to zinc oxide which is not sticky but gives the nail a very dark, drab appearance. The highest degree of sanitation is maintained throughout our operation of galvanizing nails.

Continental Blued Lathing and Plasterboard Nails are thoroughly sterilized by a highly specialized process so as to obviate the possibility of diseases being transmitted to the user when carried in the mouth.

All Continental bright nails run true to gauge, with sharp points, and well-formed heads. Years of constant progress in the manufacture of Continental Nails have built up a tremendous demand for these nails.

The "holding power" and general efficiency of Continental Cement Coated Nails is remarkable. See page 85 for further information regarding cement coated nails.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Common Nails



2d



8d



60d



FLAT HEAD
DIAMOND POINT

PHOTOS ACTUAL SIZE

Cut No. 115

Continental Steel Wire Gauge

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Pound
2d	1 inch No. 15	\$1.65	876
3d	1 1/4 " " 14	1.15	568
4d	1 1/2 " " 12 1/2	.80	316
5d	1 3/4 " " 12 1/2	.70	271
6d	2 " " 11 1/2	.60	181
7d	2 1/4 " " 11 1/2	.55	161
8d	2 1/2 " " 10 3/4	.50	106
9d	2 3/4 " " 10 3/4	.45	96
10d	3 " " 9	.40	69
12d	3 1/4 " " 9	.35	63
16d	3 1/2 " " 8	.30	49
20d	4 " " 6	.25	31
30d	4 1/2 " " 5	.25	24
40d	5 " " 4	.25	18
50d	5 1/2 " " 3	.25	14
60d	6 " " 2	.25	11

Barbed nails furnished in all sizes and styles at
25c per 100 lbs. over smooth.

THE PATH TO PLENTY IS FENCED WITH PIONEER



10
INCH
3/8" Wire



6 INCH
3/8" Wire

Cut No. 116

Continental Common Spikes



Size	Length and Gauge	Extra Over Base Price	Degree of Count- ersunk	Diam. Head	Approx No. to Pound
10d ---	3 inch No. 6	\$0.40	123	1 1/2	41
12d ---	3 1/4 " " 6	.35			38
16d ---	3 1/2 " " 5	.30	123	1 1/8	30
20d ---	4 " " 4	.25	123	1 1/4	23
30d ---	4 1/2 " " 3	.25	123	1 1/2	17
40d ---	5 " " 2	.25	123	1 3/4	13
50d ---	5 1/2 " " 1	.25			10
60d ---	6 " " 1	.25	123	1 7/8	9
7 in. -	7 " 1 5/8 inch	.25	123	1 5/8	7
8 " -	8 " 3/8 "	.35	123	3/4	4
9 " -	9 " 3/8 "	.35			3 1/2
10 " -	10 " 3/8 "	.45			3

Special gauges, 10c additional.

DIAMOND POINT
ROUND WIRE - FLAT HEAD

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Special Spikes

AND OVAL HEAD CHISEL POINT
SPIKES

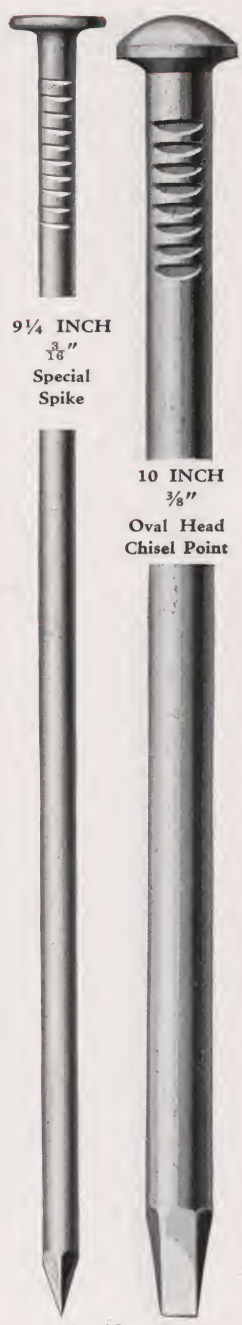
SPECIAL SPIKES

Special Spikes can be furnished with either oval or flat heads, with diamond or chisel points, in any desired length up to 10 inches, and any gauge from 3/16 to 3/8 inch.



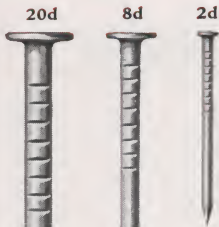
ROUND WIRE SPIKES - COUNTERSUNK OVAL HEAD CHISEL POINT

Size	Length and Gauge		Extra Over Base Pound	Degree of Count- ersunk	Head Rad.	Dia. Head	Approx. No. to Pound
10d	3	inch No. 6	\$0.40	123	$\frac{7}{16}$	$\frac{33}{32}$	41
12d	3 $\frac{1}{4}$	" " 6	.35				38
16d	3 $\frac{1}{2}$	" " 5	.30	123	$\frac{7}{16}$	$\frac{7}{16}$	30
20d	4	" " 4	.25	123	$\frac{7}{16}$	$\frac{33}{32}$	23
30d	4 $\frac{1}{2}$	" " 3	.25	123	$\frac{7}{16}$	$\frac{7}{16}$	17
40d	5	" " 2	.25	123	$\frac{7}{16}$	$\frac{33}{32}$	13
50d	5 $\frac{1}{2}$	" " 1	.25				10
60d	6	" " 1	.25	123	$\frac{7}{16}$	$\frac{1}{2}$	9
7"	7	" $\frac{1}{8}$ inch	.25	123	$\frac{5}{8}$	$\frac{5}{8}$	7
8"	8	" $\frac{3}{8}$ "	.35	123	$\frac{3}{4}$	$\frac{3}{4}$	4
9"	9	" $\frac{5}{8}$ "	.35				3 $\frac{1}{2}$
10"	10	" $\frac{3}{4}$ "	.45				3



Cut No. 117

THE PATH TO PLENTY IS FENCED WITH PIONEER



Cut No.
118

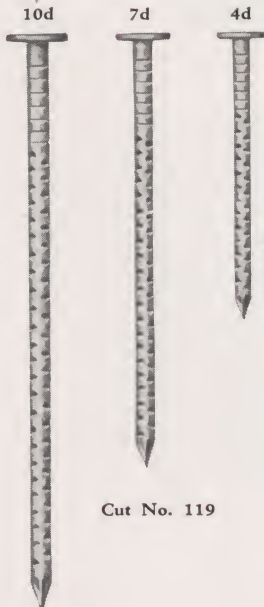
Continental Smooth Box Nails



PHOTOS ACTUAL SIZE
LARGE FLAT HEAD - DIAMOND POINT

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Dia. Head	Approx. No. to Lb.
2d	1	inch No. 15½	\$1.65	$\frac{3}{16}$	1010
3d	1¼	" " 14½	1.15	$\frac{7}{32}$	635
4d	1½	" " 14	1.00	$\frac{7}{32}$	473
5d	1¾	" " 14	.90	$\frac{7}{32}$	406
6d	2	" " 12½	.65	$\frac{11}{64}$	236
7d	2¼	" " 12½	.60	$\frac{11}{64}$	210
8d	2½	" " 11½	.55	$\frac{13}{64}$	145
9d	2¾	" " 11½	.50	$\frac{13}{64}$	132
10d	3	" " 10½	.45	$\frac{5}{16}$	94
12d	3¼	" " 10½	.40	$\frac{5}{16}$	88
16d	3½	" " 10	.35	$\frac{3}{8}$	71
20d	4	" " 9	.25	$\frac{3}{8}$	52
30d	4½	" " 9	.25	$\frac{3}{8}$	46
40d	5	" " 8	.25	$\frac{1}{2}$	35



Cut No. 119

Barbed Box Nails

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Approx. No. to Lb.
2d	1	inch No. 15	\$1.90	1010
3d	1¼	" " 14½	1.40	635
4d	1½	" " 14	1.25	473
5d	1¾	" " 14	1.15	406
6d	2	" " 12½	.90	236
7d	2¼	" " 12½	.85	210
8d	2½	" " 11½	.80	145
9d	2¾	" " 11½	.75	132
10d	3	" " 10½	.70	94
12d	3¼	" " 10½	.65	88
16d	3½	" " 10	.60	71
20d	4	" " 9	.50	52
30d	4½	" " 9	.50	46
40d	5	" " 8	.50	35

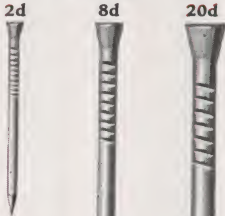
THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Casing Nails



Continental Steel Wire Gauge

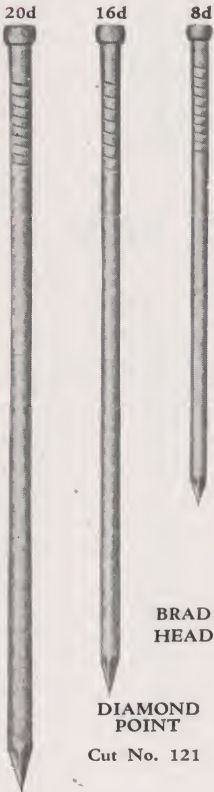
Size	Length and Gauge		Extra Over Base Price	Degree of Counter-sunk	Dia. Head Ga.	Apprx. No. to Lb.
2d	1	inch No. 15½	\$1.70	32	12¼	1010
3d	1¼	" " 14½	1.20	32	11½	635
4d	1½	" " 14	1.05	32	11	473
5d	1¾	" " 14	.95	32	11	406
6d	2	" " 12¼	.70	32	9¼	236
7d	2¼	" " 12½	.65	32	9½	210
8d	2½	" " 11½	.60	32	8½	145
9d	2¾	" " 11½	.55	32	8½	133
10d	3	" " 10½	.50	32	7½	94
12d	3¼	" " 10½	.45	32	7½	87
16d	3½	" " 10	.40	32	7	71
20d	4	" " 9	.30	32	6	52
30d	4½	" " 9	.30	32	6	46
40d	5	" " 8	.30	32	5	35



Deep Counter-sunk Head

Diamond Point

Cut No. 120



PHOTOS ACTUAL SIZE

Continental Finishing Nails

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Dia. Head Ga.	Approx. No. to Pound
2d	1	inch No. 16½	\$2.25	13½	1351
3d	1¼	" " 15½	1.60	12½	807
4d	1½	" " 15	1.45	12	584
5d	1¾	" " 15	1.35	12	500
6d	2	" " 13	.80	10	309
7d	2¼	" " 13	.75	10	238
8d	2½	" " 12½	.65	9½	189
9d	2¾	" " 12½	.60	9½	172
10d	3	" " 11½	.55	8½	121
12d	3¼	" " 11½	.50	8½	113
16d	3½	" " 11	.45	8	90
20d	4	" " 10	.35	7	62

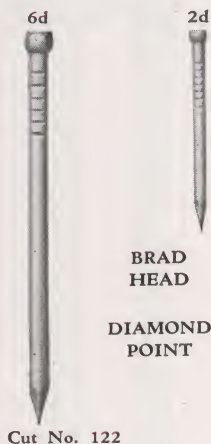
BRAD HEAD

DIAMOND POINT

Cut No. 121

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Common Brads



Continental Steel Wire Gauge				
Size	Length and Gauge	Extra Over Base Price	Dia. Head Ga.	Approx. No. to Pound
2d	1 inch No. 15	\$1.70	12	876
3d	1 1/4 " " 14	1.20	11	568
4d	1 1/2 " " 12 1/2	.85	9 1/2	316
5d	1 3/4 " " 12 1/2	.75	9 1/2	271
6d	2 " " 11 1/2	.65	8 1/2	181
7d	2 1/4 " " 11 1/2	.60	8 1/2	161
8d	2 1/2 " " 10 1/4	.55	7	106
9d	2 3/4 " " 10 1/4	.50	7	96
10d	3 " " 9	.45	6	69
12d	3 1/4 " " 9	.40	6	64
16d	3 1/2 " " 8	.35	5	49
20d	4 " " 6	.30	3	31
30d	4 1/2 " " 5	.30	2	24
40d	5 " " 4	.30	1	18
50d	5 1/2 " " 3	.30	0	16
60d	6 " " 2	.30	00	11

Continental Flooring Brads

DEEP COUNTERSUNK HEAD

DIAMOND POINT

Continental Steel Wire Gauge						
Size	Length and Gauge		Extra Over Base Price	Deg. O's'k	Diam. Head Gauge	Approximate No. to Lb.
6d	2	inch No. 11	\$0.65	32	6	157
7d	2¼	“ “ 11	.60	32	6	139
8d	2½	“ “ 10	.55	32	5	99
9d	2¾	“ “ 10	.50	32	5	90
10d	3	“ “ 9	.45	32	4	69
12d	3¼	“ “ 8	.40	32	3	54
16d	3½	“ “ 7	.35	32	2	43
20d	4	“ “ 6	.30	32	1	31

Barbed nails furnished in all sizes and styles at 25c per 100 lbs. over smooth.



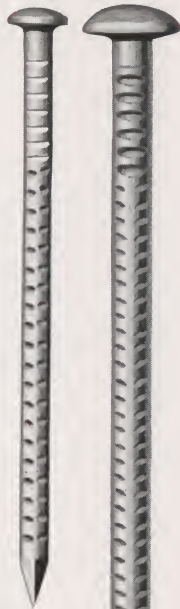
THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Barbed Car Nails



OVAL HEAD
 SLIGHTLY COUNTERSUNK
 DIAMOND POINT

10d Lt. 50d Hvy.



Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Deg. O's'k	Dia. Head	Approx. No. to Pound
4d	1½	inch No. 10	\$0.95	123	9/32	165
5d	1¾	" " 9	.80	123	7/16	118
6d	2	" " 9	.75	123	1/8	103
7d	2¼	" " 8	.70	123	3/16	76
8d	2½	" " 8	.70	123	3/16	60
9d	2¾	" " 7	.65	123	3/8	54
10d	3	" " 7	.65	123	3/8	50
12d	3¼	" " 6	.60	123	1/2	42
16d	3½	" " 6	.55	123	1/2	35
20d	4	" " 5	.50	123	1/2	26
30d	4½	" " 5	.50	123	1/2	24
30d	4½	" " 5	.50	123	1/2	24
40d	5	" " 4	.50	123	1/2	18
50d	5½	" " 3	.50	123	1/2	15
60d	6	" " 3	.50	123	1/2	13

20d Hvy.

9d Lt.



PHOTOS ACTUAL SIZE

FLAT HEAD, SLIGHTLY COUNTERSUNK
 DIAMOND POINT

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Deg. O's'k	Dia. Head	Approx. No. to Pound
4d	1½	inch No. 12	\$1.05	123	1/4	274
5d	1¾	" " 10	.85	123	3/8	142
6d	2	" " 10	.80	123	3/8	124
7d	2¼	" " 9	.70	123	1/2	92
8d	2½	" " 9	.70	123	1/2	82
9d	2¾	" " 8	.65	123	1/2	62
10d	3	" " 8	.65	123	1/2	57
12d	3¼	" " 7	.60	123	3/4	50
16d	3½	" " 7	.55	123	3/4	43
20d	4	" " 6	.50	123	1	31
30d	4½	" " 6	.50	123	1	28
40d	5	" " 5	.50	123	1	21
50d	5½	" " 4	.50	123	1	17
60d	6	" " 4	.50	123	1	15

Cut No. 125

Cut No. 124

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Fence Nails








Cut No. 126

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Diam. Head	Approx. No. to Pound
5d	1¾	inch No. 10	\$0.60		142
6d	2	" " 10	.55		124
7d	2¼	" " 9	.45		92
8d	2½	" " 9	.45		82
9d	2¾	" " 8	.40		62
10d	3	" " 7	.40		50
12d	3¼	" " 6	.35		40
16d	3½	" " 5	.30		30
20d	4	" " 4	.25		23

Continental Slating Nails

Continental Steel Wire Gauge						
Size	Length and Gauge		Extra Over Base Price	Degree of Counter-Sunk	Diam. Head	Approx. No. to Pound Bright
2d	1	inch No. 12	\$1.20	145		411
3d	1½	" " 10½	1.00	145		225
4d	1½	" " 10½	.85	145		187
5d	1¾	" " 10	.75	145		142
6d	2	" " 9	.65	145		103

Cut No. 127



Continental Shingle Nails



Cut No. 128

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price Bright	Diam. Head	Approx. No. to Pound Bright
3d	1¼	inch No. 13	\$1.05		429
3½d	1¾	" " 12½	.85		345
4d	1½	" " 12	.80		274

THE PATH TO PLENTY IS FENCED WITH PIONEER

Large Flat Head Barbed Roofing Nails

Continental Steel Wire Gauge
Extras per 100 lbs. over base

L'gth	½" Head			⅞" Head		1½" Head	1⅞" Head	2" Head
	8 ga.	9 ga.	9½ ga.	10 ga.	10½ ga.	10 ga.	11 ga.	12 ga.
¾"	\$1.65	\$1.75	\$1.80	\$1.85	\$2.00	\$1.95	\$2.05	\$1.80
⅞"	1.55	1.65	1.70	1.75	1.90	1.85	1.95	1.65
1"	1.45	1.55	1.60	1.65	1.80	1.75	1.85	1.60
1¼"	1.40	1.50	1.55	1.60	1.75	1.70	1.80	1.60
1½"	1.35	1.45	1.50	1.55	1.70	1.65	1.75	1.50
1¾"	1.30	1.40	1.45	1.50	1.65	1.60	1.70	1.45
1⅞"	1.25	1.35	1.40	1.45	1.60	1.55	1.65	1.45
2"	1.20	1.30	1.35	1.40	1.55	1.50	1.60	1.40



Cut No. 129

Continental Flat Head Barb Roofing Nails



Cut No. 130

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Approx. No. to Lb.
¾ inch	¾ inch	No. 13	\$1.55	714
⅞ "	"	" 12	1.30	469
1 "	1 "	" 12	1.20	411
1⅛ "	1⅛ "	" 12	1.10	365
1¼ "	1¼ "	" 11	.95	251
1⅜ "	1⅜ "	" 11	.90	230
1½ "	1½ "	" 10	.80	176
1¾ "	1¾ "	" 10	.75	151
2 "	2 "	" 9	.65	103

Contintental Siding Nails

Continental Steel Wire Gauge

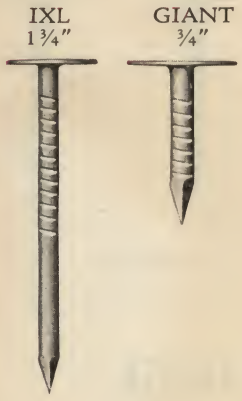
Size	Length and Gauge		Extra Over Base Price	Approx. No. to Lb.
2d	1 inch	No. 15½	\$1.65	1010
3d	1¼ "	" 14½	1.15	635
4d	1½ "	" 14	1.00	473
5d	1¾ "	" 14	.90	406
6d	2 "	" 12½	.65	236
7d	2¼ "	" 12½	.60	210
8d	2½ "	" 11½	.55	145
9d	2¾ "	" 11½	.50	132
10d	3 "	" 10½	.45	94



Cut No. 131

THE PATH TO PLENTY IS FENCED WITH PIONEER

I. X. L. and Giant Head Roofing Nails



"IXL" 1/2" HEAD	
Length & Gauge	Over Base
3/4" No. 12	\$3.50
7/8" No. 12	3.30
1" No. 12	3.15
1 1/8" No. 12	3.10
1 1/4" No. 12	3.05
1 1/2" No. 12	3.00
1 3/4" No. 12	2.95

GIANT 9/16" HEAD	
Length & Gauge	Over Base
3/4" No. 11	\$3.25
7/8" No. 11	3.05
1" No. 11	2.85
1 1/8" No. 11	2.55
1 1/4" No. 11	2.50
1 1/2" No. 11	2.45
1 3/4" No. 11	2.40

Continental "Fel-Rof" Roofing Nails

EXTRAS PER 100 LBS. OVER BASE

Length	No. 10 1/2 9/16" Head	No. 11 1/2" Head	No. 12 7/8" Head
3/4"	\$2.80	\$3.05	\$3.20
7/8"	2.65	2.85	3.00
1"	2.50	2.65	2.85
1 1/8"	2.30	2.35	2.80
1 1/4"	2.25	2.30	2.75
1 1/2"	2.20	2.25	2.70
1 3/4"	2.15	2.20	2.65
2"	2.10	2.15	2.60

Umbrella Head Nails



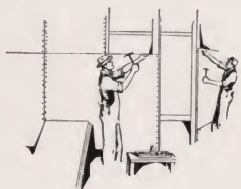
The Umbrella Head Roofing Nail is a great improvement over the nail and lead washer method. An extra heavy coating of zinc over the entire surface—shank and head—insures fullest protection against rust. It is self sealing and will not admit moisture. The nub on the head permits easy driving. Will outlast the highest grade corrugated roofing.

	Approx. Count
1 1/2 x 9	98 per lb.
1 3/4 x 9	87 per lb.
2 x 9	79 per lb.
1 1/2 x 10	115 per lb.
1 3/4 x 10	106 per lb.
2 x 10	93 per lb.

Prices upon application.

Plaster Board Nails

A smooth nail with diamond point and large flat head. Made in 1, 1¼ and 1½ inch lengths, of Nos. 9 and 10 gauge wire, with ½ inch diameter head, and of No. 11 gauge wire with 7/16 inch diameter head.



Extras per 100 Lbs. over Base on Plaster Board Nails in Kegs

	½ in. Head	½ in. Head	7/16 in. Head
	9 Gauge	10 Gauge	11 Gauge
1 inch -----	\$1.50	\$1.60	\$1.70
1¼ inch -----	1.40	1.50	1.60
1½ inch -----	1.35	1.45	1.55



Cut No. 135

Special Plaster Board Nails

Continental Special Plaster Board nails have large heads, ample to hold and protect sufficient surface of board. Will not ordinarily pull through. The long, diamond point permits the nail to go through board without tearing or marring the plaster board. Blued finish so they can be fed from the mouth without injury to health. Free from atmospheric conditions and foreign substances. Packed in kegs lined with paper in order to insure delivery of clean, sanitary product. Uniform points, length, heads, and gauge.



Cut No. 136

Advance over
base price

Size, 1⅝ inch by No. 13 gauge with a ⅝ inch head, \$1.85.

Size, 1¼ inch by No. 13 gauge with a ⅝ inch head, \$1.75.

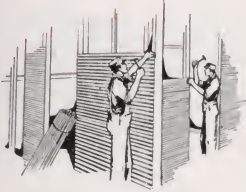
Continental Fine Nails

FLAT HEAD, DIAMOND POINT

Size	Length and Gauge			Extra Over Base Price	Approx. No. to Lb.
2d	1	inch	No. 16½	\$2.20	1351
2d Ex. Fine	1	"	" 17	2.40	1560
3d	1⅛	"	" 15	1.60	778
3d Ex. Fine	1⅛	"	" 16	2.15	1015

THE PATH TO PLENTY IS FENCED WITH PIONEER

Sterilized Blued Lath Nails



Size	Length and Gauge		Extra Over Base Price	Approx. No. to Pound
2d	1	inch No. 16½	\$2.55	1351
2d Light	1	" " 17	2.75	1560
3d	1½	" " 15	1.95	778
3d Light	1½	" " 16	2.50	1015



Cut No. 137

Lathers carry the nails in the mouth while at work and it is, therefore, from the standpoint of health sanitation, necessary to have the nails free from all injurious substances. Polished or bright nails cannot be made or kept entirely clean owing to process of manufacture as well as the effect of atmospheric conditions.

Packed in paper-lined kegs.

Continental Lead Head Nails



When a "Lead Head" is driven the fillet plugs up the nail hole and the rim on the under side of the head conforms to the shape of the corrugated sheet and covers and seals the break in the galvanizing. Therefore a DOUBLE permanent seal is made, against leakage and rust. The harder a "Lead Head" nail is driven the tighter the fillet is wedged into place. The outstanding feature of the "Lead Head" nail is that there is no lead on top of the head to be knocked off, loose or out of shape. Just enough lead is used to make a perfect seal.

Prices upon application.

Continental Shade Nails

Continental Shade Nails are made in ¾, 7/8, and 1-inch lengths, of No. 13 gauge wire with slightly countersunk ¼-inch diameter flat head, and needle point. They are made especially for shade work and are ideal for this use.

Prices on these nails are the same as for miscellaneous nails, plus extras for special features, such as head and point.



Cut No. 139

Shade Roller Pins



Cut No. 140

Continental Shade Roller Pins are made in different sizes, according to specifications. Any length or size of shank can be furnished in accordance with the peculiar needs of the user.

Prices quoted on any type on application.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Clinch Nails

OVAL HEAD - DUCK BILL POINT



Continental Clinch Nails will be furnished bright unless otherwise ordered.



Cut No. 141

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price		Head Rad.	Dia. Head	Approx. No. to Pound
			Bright	Annealed			
2d	1 inch	No. 14	\$1.55	\$1.80	1/4	3/16	710
3d	1 1/4	" 13	1.35	1.60	1/4	7/32	429
4d	1 1/2	" 12	1.10	1.35	1/4	1/4	274
5d	1 3/4	" 12	1.00	1.25	1/4	1/4	235
6d	2	" 11	.90	1.15	1/4	2 Ga	157
7d	2 1/4	" 11	.85	1.10	1/4	2 Ga	139
8d	2 1/2	" 10	.80	1.05	1/4	2 Ga	99
9d	2 3/4	" 10	.75	1.00	1/4	2 Ga	90
10d	3	" 9	.70	.95	1/4	1 1/8	69
12d	3 1/4	" 9	.65	.90	1/4	1 1/8	62
16d	3 1/2	" 8	.60	.85	3/8	1 1/8	49
20d	4	" 7	.55	.80	3/8	3/8	37

Blued Hoop Fasteners

No. 0



Cut No. 142

Continental Hoop Fasteners are furnished in four sizes: No. 0, No. 1, No. 2, and No. 3. Packed 100 lbs. or 110 lbs. to the keg. Also furnished galvanized. Prices upon application.

Continental Steel Wire Gauge

No.	No. to Lb.	Length	Gauge
0	82	1 inch	6
1	212	1 1/8 "	9
2	308	1 1/2 "	10 1/2
3	976	3/8 "	13

Metal Lath Nails

The Continental Hook Head, Metal Lath Nail, is a 1 1/8 x 12 bright smooth nail with a long thin, flat head especially suited for applying metal lath. Can also be furnished blued, galvanized and in other lengths.

Approximate count per pound, blued or bright, 278; galvanized, 213. Prices on application.



Cut No. 143

Continental Gutter Spikes

FLAT HEAD - DIAMOND POINT



Cut No. 145



Continental Gutter Spikes are made with flat heads, diamond points. Furnished in lengths of 5½ inches to 10 inches inclusive, of ¼ inch diameter wire. Bright or galvanized. A strong spike that will not bend or break when driving. In galvanized has heavy coating of zinc that protects it from weather. Will not scale or break off when driving. Prices on application.

Continental Saddlery Nails



Cut No. 147

Continental Saddlery Nails are made with oval head, long diamond point, in smooth and annealed styles. Furnished in 1½ inch length of No. 7 and No. 7½ gauge wires. These nails are used as rivets for fastening trimming to a hame. After they are driven the head is cut off and the end is riveted. Prices on application.



Continental Basket Nails



Usually made ⅝ inch or ¾ inch in length, of No. 18 gauge smooth wire, with needle point and large flat head. Prices on these nails are the same as for miscellaneous nails, plus extras, for special features, such as for head and point.



Cut No. 144

Continental Broom Nails

FLAT HEAD - DIAMOND POINT



Continental Broom Nails are usually made ⅝ in. or ¾ in. long, from No. 14 or No. 15 gauge wire, with flat or star heads, diamond point.

EXTRA OVER BASE PRICE

⅝ x 14	\$2.20	¾ x 14	\$1.85
⅝ x 15	2.60	¾ x 15	2.25

Cut No. 146

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Clout Nails

Length	Gauge	Extra Over Base Price		Approx. No. to Lb.
		Annealed	Bright	
$\frac{3}{4}$ inch	No. 15	\$2.65	\$2.40	1160
$\frac{7}{8}$ "	" 14	2.00	1.75	808
1 "	" 14	1.80	1.55	705
$1\frac{1}{8}$ "	" 14	1.75	1.50	628
$1\frac{1}{4}$ "	" 13	1.60	1.35	423
$1\frac{3}{8}$ "	" 13	1.50	1.25	390
$1\frac{1}{2}$ "	" 13	1.45	1.20	350



Cut No. 148

Continental Barrel Nails

FLAT HEAD - DIAMOND POINT
Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Dia. Head	Approx. No. to Pound
$\frac{5}{8}$ inch	$\frac{5}{8}$ inch	No. 15 $\frac{1}{2}$	\$2.45	9 Ga.	1615
$\frac{3}{4}$ "	$\frac{3}{4}$ "	" 15 $\frac{1}{2}$	2.10	9 "	1346
$\frac{7}{8}$ "	$\frac{7}{8}$ "	" 14 $\frac{1}{2}$	1.45	7 "	906
1 "	1 "	" 14 $\frac{1}{2}$	1.25	7 "	775
$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	" 14 $\frac{1}{2}$	1.20	7 "	700
$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	" 14	1.15	$\frac{3}{16}$	568
$1\frac{3}{8}$ "	$1\frac{3}{8}$ "	" 13	.95	$\frac{3}{16}$	400
$1\frac{1}{2}$ "	$1\frac{1}{2}$ "	" 13	.90	$\frac{3}{16}$	367

Cut No. 149



Continental Berry Box Nails

DIAMOND OR NEEDLE POINT - BARBED OR SMOOTH - FLAT HEAD

Continental Steel Wire Gauge

Size	Length and Gauge	Extra Over Base Price for Smooth	Dia. Head	Approx. No. to Pound
$\frac{3}{4}$ inch	No. 16 $\frac{3}{4}$ inch	\$2.80	9 Ga.	1500
$\frac{7}{8}$ "	$\frac{7}{8}$ "	2.55	"	1300
1 "	1 "	2.35	"	1150
$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	2.30	"	1010
$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	2.25	"	910
$\frac{3}{4}$ inch	No. 17 $\frac{3}{4}$ inch	\$3.00	9 Ga.	1904
$\frac{7}{8}$ "	$\frac{7}{8}$ "	2.75	"	1584
1 "	1 "	2.55	"	1432
$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	2.50	"	1300
$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	2.45	"	1168

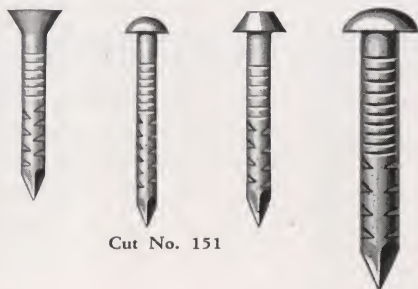


Cut No. 150

Barbed nails, 25c per 100 pounds advance.

Annealed Wagon Nails

Continental Annealed Wagon Nails are made with a variety of head styles, such as oval, cone, countersunk, or steeple heads, or a combination of these styles if desired. Well barbed and thoroughly annealed with heads perfectly adapted for blacksmith's use. Prices same as for miscellaneous nails, plus extras for special features, such as for heads and barbing, and annealing and points. When ordering specify style, point, finish, and all features.



Cut No. 151

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Hinge Nails

OVAL HEAD - DIAMOND POINT



Approximate Number per Pound

Length		$\frac{3}{8}$ inch	$\frac{1}{2}$ inch
1½	inch	81	47
1¾	"	68	41
2	"	61	33
2¼	"	54	31
2½	"	48	28
2¾	"	45	26
3	"	41	24

Packed in 100 pound kegs, and 50, 25, 10 and 5 pound boxes. Prices on application.

Continental Hinge Nails

COUNTERSUNK HEAD - CHISEL POINT

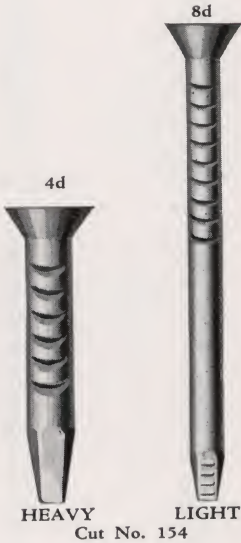
LIGHT HINGE NAILS BRIGHT

Size	Length and Gauge		Extra Over Base Price	Deg. Csk.	Dia. Head	Approx. No. to Lb.
4d	1½ inch	No. $\frac{3}{8}$	\$0.95	95	$\frac{1}{2}$	82
6d	2 "	" $\frac{1}{2}$	.80	95	$\frac{1}{2}$	62
8d	2½ "	" $\frac{5}{8}$	.75	95	$\frac{1}{2}$	50
10d	3 "	" $\frac{3}{4}$	.70	95	$\frac{1}{2}$	25
12d	3¼ "	" $\frac{7}{8}$	.65	95	$\frac{1}{2}$	23
16d	3½ "	" $\frac{1}{2}$	.60	95	$\frac{1}{2}$	22
20d	4 "	" $\frac{3}{4}$	.55	95	$\frac{1}{2}$	19

HEAVY HINGE NAILS BRIGHT

Size	Length and Gauge		Extra Over Base Price	Deg. Csk.	Dia. Head	Approx. No. to Lb.
4d	1½ inch	No. $\frac{1}{4}$	\$0.95	95	$\frac{1}{2}$	50
6d	2 "	" $\frac{3}{8}$	.80	95	$\frac{1}{2}$	38
8d	2½ "	" $\frac{1}{2}$	.75	95	$\frac{1}{2}$	30
10d	3 "	$\frac{3}{8}$ inch	.80	95	$\frac{3}{4}$	12
12d	3¼ "	" $\frac{3}{8}$	.75	95	$\frac{3}{4}$	11
16d	3½ "	" $\frac{3}{8}$	.70	95	$\frac{3}{4}$	10
20d	4 "	" $\frac{3}{8}$	.65	95	$\frac{3}{4}$	9

Annealed nails 25c per 100 pounds advance.



THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Boat Nails

OVAL OR FLAT COUNTERSUNK HEAD - CHISEL POINT

LIGHT BOAT NAILS BRIGHT

Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Deg. Csk.	Head Rad.	Dia. Head	Approx. No. to Lb.
4d	1½ inch	No. 10	\$0.95	95	1/8	1 1/8	82
6d	2 "	" " 8	.80	95	1/8	1 1/8	62
8d	2½ "	" " 6	.75	95	1/8	1 1/8	50
10d	3 "	" " 4	.70	95	1/8	1 1/8	22
12d	3¼ "	" " 3	.65	95	1/8	1 1/8	20
16d	3½ "	" " 2	.60	95	1/8	1 1/8	18
20d	4 "	" " 1	.55	95	1/8	1 1/8	16

HEAVY BOAT NAILS BRIGHT

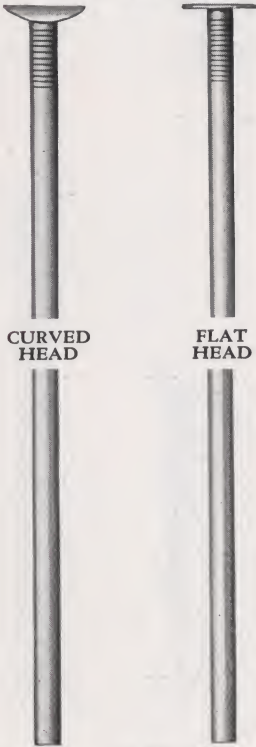
Continental Steel Wire Gauge

Size	Length and Gauge		Extra Over Base Price	Deg. Csk.	Head Rad.	Dia. Head	Approx. No. to Lb.
4d	1½ inch	No. 14	\$0.95	95	1/8	1 1/8	44
6d	2 "	" " 12	.80	95	1/8	1 1/8	32
8d	2½ "	" " 10	.75	95	1/8	1 1/8	26
10d	3 "	" " 8	.80	95	1/8	1 1/8	14
12d	3¼ "	" " 6	.75	95	1/8	1 1/8	13
16d	3½ "	" " 4	.70	95	1/8	1 1/8	12
20d	4 "	" " 3	.65	95	1/8	1 1/8	10

Annealed nails 25c per 100 pounds advance.



Cut No. 155



Cut No. 156

Sheet Roofing Fasteners

Made in the following sizes:

Continental Steel Wire Gauge

Length		Diameter	Approx. Count per Lb.
6 inch	-----	1/8 inch	46
7 "	-----	1/8 "	40
8 "	-----	1/8 "	34
9 "	-----	1/8 "	31
10 "	-----	1/8 "	28
8 "	-----	No. 10 Gauge	30
9 "	-----	" " "	27
10 "	-----	" " "	24

Annealed or Galvanized
Prices upon application.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Zinc Coated Asbestos Shingle Nails

LARGE FLAT HEAD - NEEDLE POINT

HEAD— $\frac{11}{16}$ inch diameter Extra Large Flat Head—uniform, well centered, smooth underneath head—no fins to crack asbestos shingles or make nail hole larger.

POINT—Easy driving with sharp Needle Points.

BARBED—Shank of Nail barbed to insure good grip and holding power.

LENGTHS—1 inch to 2 inches inclusive. Short lengths for applying direct to roof decks. Longer lengths for fastening over old wooden shingles.

GAUGE—No. 11 $\frac{1}{2}$. Just the proper thickness.

ZINC COATING—Hot galvanized zinc coated Nails—as the name implies, galvanized by the Hot Process.



Cut No. 157

Length	Advance for Size Subject to charge for galvanizing
1	\$1.75
1 $\frac{1}{8}$	1.75
1 $\frac{1}{4}$	1.65
1 $\frac{1}{2}$	1.60
1 $\frac{3}{4}$	1.60
2	1.55

Smooth Foundry Nails

LARGE FLAT HEAD - DIAMOND POINT

3" x 10 ga.



Continental Smooth Foundry Nails are made from Nos. 8, 9, 10 gauge wire, with $\frac{1}{2}$ inch diameter heads; also made of No. 11 gauge wire with $\frac{7}{16}$ inch diameter heads, in lengths $\frac{3}{4}$ inch and longer. They are ideal for foundry work and are especially designed to fulfill this requirement. Made from the best steel, properly constructed for the best service.



Continental Steel Wire Gauge

Length Inches	8 Ga. $\frac{1}{2}$ " Head	9 Ga. $\frac{1}{2}$ " Head	10 Ga. $\frac{1}{2}$ " Head	11 Ga. $\frac{7}{16}$ " Head
$\frac{3}{4}$ "	\$1.60	\$1.70	\$1.80	\$1.90
$\frac{7}{8}$ "	1.50	1.60	1.70	1.80
1"	1.40	1.50	1.60	1.70
1 $\frac{1}{8}$ "	1.35	1.45	1.55	1.65
1 $\frac{1}{4}$ "	1.30	1.40	1.50	1.60
1 $\frac{1}{2}$ "	1.25	1.35	1.45	1.55
1 $\frac{3}{4}$ "	1.25	1.35	1.45	1.55
2"	1.20	1.25	1.35	1.45
2 $\frac{1}{4}$ "	1.15	1.20	1.30	1.40
2 $\frac{1}{2}$ "	1.15	1.20	1.30	1.40
2 $\frac{3}{4}$ "	1.10	1.15	1.25	1.35
3" and longer	1.05	1.10	1.20	1.30

Cut No. 158

THE PATH TO PLENTY IS FENCED WITH PIONEER

Barbed Dowel Pins



Size	Headless, Diamond Points Continental Steel Wire Gauge Extra Over Base Price				
	No. 8	No. 9	No. 10	No. 11	No. 12
5/8 inch	\$1.75	\$1.90	\$2.00	\$2.20	\$2.45
3/4 "	1.50	1.65	1.75	1.90	2.15
7/8 "	1.35	1.50	1.60	1.75	2.00
1 "	1.25	1.40	1.50	1.65	1.90
1 1/8 "	1.15	1.30	1.40	1.50	1.75
1 1/4 "	1.10	1.25	1.35	1.45	1.70
1 3/8 "	1.05	1.20	1.30	1.40	1.65
1 1/2 "	1.00	1.15	1.25	1.35	1.60
1 5/8 "	.95	1.10	1.20	1.30	1.55
1 3/4 "	.90	1.05	1.15	1.25	1.50
2 "	.85	1.00	1.10	1.20	1.45

Smooth Dowel Pins, 25c per hundred less.

1 1/8 x 11



Cut No. 159

Standard Wood Shingle Nails

Galvanized (Zinc Coated)—5d. 1 3/4; 13 gauge, 1/4 inch head.

Especially adapted for laying new wood shingles over old shingles for roofing. Just the proper thickness to prevent splitting of shingles and right length to insure good holding power without projecting through roofing boards. Zinc Coated to give long life.

Advance over base \$0.95, subject to extra for galvanizing.



Cut No. 161

Steel Escutcheon Pins

5/8 x 16



Cut No. 162

Continental Escutcheon Pins are made in a variety of lengths and gauges, with oval head and needle point.

Prices are the same for miscellaneous nails, plus extras for special features.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Duplex Head Nails



For Theatre, Auditorium and
General Building Scaffolds

DRIVE EASILY
PULL EASILY

Continental Duplex head nails were designed primarily to save lumber and labor. They are designed so that they may be driven for temporary construction purposes and easily removed without tearing the lumber. They are widely used in large volume for scaffolding, foundation, column and other concrete forms and for all temporary constructions. These nails can be used many times and thereby effect savings which were impossible before the introduction of this nail.

Cut No. 185

In order to facilitate easy driving and extraction they are made with sharp points and heavy double heads. Duplex head nails are manufactured in five sizes, which comprises the chief demand as follows: 6d, 8d, 10d, 16d, and 20d.

If the Duplex head nail is going to be used more than one time, it would be worth the slight extra cost to have them galvanized. The Continental process of galvanizing distributes an even coating of 99½% pure zinc over the entire nail and thereby protects it from rust.

All Continental nails are made only from "Copper-Content" wire, in itself "rust-resisting," and when doubly protected with the zinc coating, Duplex head nails will withstand the ravages of time and weather conditions.

We shall be glad to quote prices upon application.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Standard Nail Differential Card

Extras on Standard Wire Nails in Kegs

Common Nails		Common Brads		Barbed Roofing Nails		Clinch Nails Bright		Sterilized Blued Bright	
2d	-----\$1.65	2d	-----\$1.70	Regular Heads		2d	-----\$1.55	2d	-----\$2.55
3d	-----1.15	3d	-----1.20	$\frac{3}{4}$ -inch		3d	-----1.35	2d Light	-----2.75
4d	-----80	4d	-----85	$\frac{7}{8}$ -inch		4d	-----1.10	3d	-----1.95
5d	-----70	5d	-----75	1 -inch		5d	-----1.00	3d Light	-----2.50
6d	-----60	6d	-----65	$1\frac{1}{8}$ -inch		6d	-----90	Barrel Nails Lath Nails	
7d	-----55	7d	-----60	$1\frac{1}{2}$ -inch		7d	-----85	$\frac{5}{8}$ -inch	-----\$2.45
8d	-----50	8d	-----55	$1\frac{3}{4}$ -inch		8d	-----80	$\frac{3}{4}$ -inch	-----2.10
9d	-----45	9d	-----50	2 -inch		9d	-----75	$\frac{7}{8}$ -inch	-----1.45
10d	-----40	10d	-----45	Fence Nails		10d	-----70	1 -inch	-----1.25
12d	-----35	12d	-----40	5d	-----\$0.60	12d	-----65	$1\frac{1}{8}$ -inch	-----1.20
16d	-----30	16d	-----35	6d	-----55	16d	-----60	$1\frac{1}{4}$ -inch	-----1.15
20d	-----25	20d	-----30	7d	-----45	20d	-----55	$1\frac{3}{8}$ -inch	-----95
30d	-----25	30d	-----30	8d	-----45	Barbed Car Nails		$1\frac{1}{2}$ -inch	-----90
40d	-----25	40d	-----30	9d	-----45	Light Heavy		Berry Box Nails Smooth	
50d	-----25	50d	-----30	10d	-----40	4d	-----\$1.05 \$0.95	No. 16 No. 17	
60d	-----25	60d	-----30	12d	-----35	5d	-----85 .80	$\frac{3}{4}$ -in.	\$2.80 \$3.00
Casing Nails		Shingle Nails		16d	-----30	6d	-----80 .75	$\frac{7}{8}$ -in.	2.55 2.75
2d	-----\$1.70	3d	-----\$1.05	20d	-----25	7d	-----70 .70	1 -in.	2.35 2.55
3d	-----1.20	3 $\frac{1}{2}$ d	-----85	Hinge Nails Bright		8d	-----70 .70	$1\frac{1}{8}$ -in.	2.30 2.50
4d	-----1.05	4d	-----80	Light Heavy		9d	-----65 .65	$1\frac{1}{4}$ -in.	2.25 2.45
5d	-----95	5d	-----70	4d	-----\$0.95 \$0.95	10d	-----65 .65	Spikes	
6d	-----70	6d	-----65	6d	-----80 .80	12d	-----60 .60	10d	-----\$0.40
7d	-----65	Smooth Box Nails		8d	-----75 .75	16d	-----55 .55	12d	-----35
8d	-----60	2d	-----\$1.65	10d	-----70 .80	20d	-----50 .50	16d	-----30
9d	-----55	3d	-----1.15	12d	-----65 .75	30d	-----50 .50	20d	-----25
10d	-----50	4d	-----1.00	16d	-----60 .70	60d	-----50 .50	30d	-----25
12d	-----45	5d	-----90	20d	-----55 .65	Clout Nails Bright		40d	-----25
16d	-----40	6d	-----65	Finishing Nails		$\frac{3}{4}$ -inch	-----\$2.40	50d	-----25
20d	-----30	7d	-----60	2d	-----\$2.25	$\frac{7}{8}$ -inch	-----1.75	60d	-----25
30d	-----30	8d	-----55	3d	-----1.60	1 -inch	-----1.55	7-inch	-----25
40d	-----30	9d	-----50	4d	-----1.45	$1\frac{1}{8}$ -inch	-----1.50	8-inch	-----35
Flooring Brads		10d	-----45	5d	-----1.35	$1\frac{1}{4}$ -inch	-----1.35	9-inch	-----35
6d	-----\$0.65	12d	-----40	6d	-----80	$1\frac{1}{2}$ -inch	-----1.20	10-inch	-----45
7d	-----60	16d	-----35	7d	-----75	Barbed Dowel Pins			
8d	-----55	20d	-----25	8d	-----65	No. 8 No. 9 No. 10 No. 11 No. 12			
9d	-----50	30d	-----25	9d	-----60	$\frac{5}{8}$ -in.	\$1.75 \$1.90 \$2.00 \$2.20 \$2.45		
10d	-----45	40d	-----25	10d	-----55	$\frac{3}{4}$ -in.	1.50 1.65 1.75 1.90 2.15		
12d	-----40	Siding Nails		12d	-----50	$\frac{7}{8}$ -in.	1.35 1.50 1.60 1.75 2.00		
16d	-----35	Same advance as Smooth Box Nails		16d	-----45	1 -in.	1.25 1.40 1.50 1.65 1.90		
20d	-----30	Slatting Nails		20d	-----35	$1\frac{1}{8}$ -in.	1.15 1.30 1.40 1.50 1.75		
Boat Nails Bright		2d	-----\$1.20	Fine Nails		$1\frac{1}{4}$ -in.	1.10 1.25 1.35 1.45 1.70		
Light Heavy		3d	-----1.00	2d	-----\$2.20	$1\frac{3}{8}$ -in.	1.05 1.20 1.30 1.40 1.65		
4d	-----\$0.95 \$0.95	4d	-----85	2d Extra	2.40	$1\frac{1}{2}$ -in.	1.00 1.15 1.25 1.35 1.60		
6d	-----80 .80	5d	-----75	3d	-----1.60	$1\frac{5}{8}$ -in.	.95 1.10 1.20 1.30 1.55		
8d	-----75 .75	6d	-----65	3d Extra	2.15	$1\frac{3}{4}$ -in.	.90 1.05 1.15 1.25 1.50		
10d	-----70 .80					2 -in.	.85 1.00 1.10 1.20 1.45		
12d	-----65 .75								
16d	-----60 .70								
20d	-----55 .65								

Special Extras on Standard Wire Nails

Cement Coated Nails, 25c over above prices.

Annealed Nails, 25c per 100 lbs. extra.

Blued Nails, 35c per 100 lbs. extra.

Barbing Nails, 25c per 100 lbs.

Special Heads, 15c per 100 lbs. extra.

Special Points, 15c per 100 lbs. extra.

Galvanizing, \$2.00 per keg extra.

Continental

Cement Coated Nails

Cement Coated Nails, due to their great holding power, are used extensively for a variety of purposes, especially for boxing and crating where strong boxes are required. A Cement Coated Nail has many times the holding power that an ordinary polished nail has.

The material used in coating Continental Cement Coated Nails is especially adapted to this purpose and is of such character that it will not flake or rub off in driving. Our nails will not stick together. Continental Cement Coated Nails are particularly adapted to machine driving, due to the unfailing uniformity of gauge, coating, and length.

Any polished nail shown in our catalog may be cement coated upon request for the regular increase in price over polished nails.

Where holding power and resistance to rust are both required we recommend Continental Nails galvanized and Cement Coated. Any nail in our catalog may be given both coatings at the standard advances for galvanizing and cement coating above polished nail prices.

All Continental Nails are packed in wooden kegs, 100 lbs. net weight.

Tests made in our laboratories show the efficiency of the holding power of cement coated nails. A 6d Standard Cement Coated Nail pulled at 151 pounds, while a 6d common polished nail pulled at 57 pounds. The holding power of the cement coated nail is approximately 265% greater than common nails, using $\frac{3}{4}$ length of the nail. Where the entire length of the nail was used the holding power was approximately 700% greater than the regular polished nail.

For machine driving cement coated nails have no superior. The great holding power of these nails make them ideal for use in box woods and for crating purposes. The even quality and thickness of coating insures uniformity throughout.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Standards



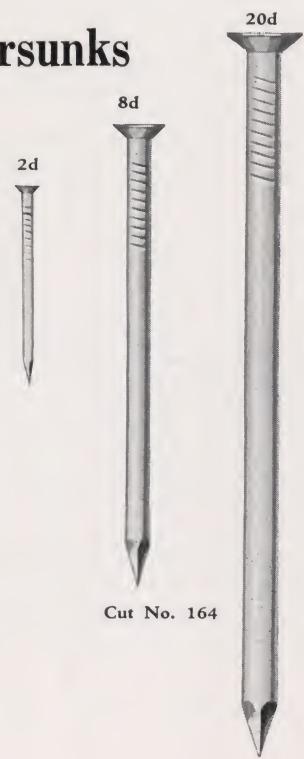
The Continental Cement Coated Standard Nails are perfectly satisfactory for hand driving in the softer woods, but are especially designed for machine driving in boxes, crates, or other shipping packages. Heads flat underneath.

Continental Steel Wire Gauge				
Size	Advance Over Base	Number of Nails per Lb.	Length (Inches)	Gauge No.
2d	\$2.40	1084	1	16
3d	1.90	848	1 1/8	15 1/2
4d	1.55	488	1 3/8	14
5d	1.35	364	1 5/8	13 1/2
6d	1.15	275	1 7/8	13
7d	.90	212	2 1/8	12 1/2
8d	.75	142	2 3/8	11 1/2
9d	.75	130	2 5/8	11 1/2
10d	.65	104	2 7/8	11

Cut No. 163

Cement Coated Countersunks

Continental Steel Wire Gauge			
2d	1 x 16	\$2.40	1084
3d	1 1/8 x 15 1/2	1.90	848
4d	1 3/8 x 14	1.55	488
5d	1 5/8 x 13 1/2	1.35	364
6d	1 7/8 x 13	1.15	275
7d	2 1/8 x 12 1/2	.90	212
8d	2 3/8 x 11 1/2	.75	142
9d	2 5/8 x 11 1/2	.75	130
10d	2 7/8 x 11	.65	104
12d	3 1/8 x 10	.55	77
16d	3 1/4 x 9	.45	61
20d	3 3/4 x 7	.35	37
30d	4 1/4 x 6	.35	29
40d	4 3/4 x 5	.35	21
50d	5 1/4 x 4	.35	16
60d	5 3/4 x 3	.35	13



Cut No. 164

THE PATH TO PLENTY IS FENCED WITH PIONEER

CEMENT COATED
Heavy Barbed Car Nails
 FURNISHED EITHER FLAT HEAD OR OVAL

HEAVY

Continental Steel Wire Gauge				
Heavy Size	Advance Over Base	Heavy Number of Nails per Lb.	Length (Inches)	Gauge No.
4d	\$1.20	274	1½	11
5d	1.00	138	1¾	10
6d	.95	117	2	10
7d	.85	85	2¼	9
8d	.75	78	2½	9
9d	.75	62	2¾	8
10d	.70	55	3	8
12d	.65	44	3¼	7
16d	.60	38	3½	7
20d	.50	29	4	6
30d	.50	26	4½	6
40d	.50	20	5	5
50d	.50	15	5½	4
60d	.50	14	6	4



Cut No. 165

CEMENT COATED
Light Barbed Car Nails
 FURNISHED EITHER FLAT HEAD OR OVAL

LIGHT

Continental Steel Wire Gauge				
Size	Advance Over Base	Number of Nails per Lb.	Length (Inches)	Gauge No.
4d	\$1.35	335	1½	13
5d	1.05	176	1¾	11
6d	1.00	149	2	11
7d	.85	103	2¼	10
8d	.75	96	2½	10
9d	.75	74	2¾	9
10d	.70	65	3	9
12d	.70	51	3¼	8
16d	.65	48	3½	8
20d	.50	36	4	7
30d	.50	31	4½	7
40d	.50	24	5	6
50d	.50	17	5½	5
60d	.50	16	6	5



Cut No. 166

THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Railroad Nails

FLAT COUNTERSUNK HEAD - DIAMOND POINT

Size	Length and Gauge	Advance Over Base per 100 Lbs.	Approximate No. Nails per Pound
2d	1 x 16	\$2.40	1084
3d	1¼ x 15	1.80	678
4d	1½ x 13½	1.50	392
5d	1⅞ x 13½	1.35	364
6d	1⅞ x 12½	1.05	232
7d	2⅛ x 12½	.90	212
8d	2⅞ x 11	.70	129
9d	2⅞ x 11	.70	114
10d	2⅞ x 10	.60	84
12d	3⅛ x 10	.55	77
16d	3⅜ x 9	.45	59
20d	3⅞ x 7	.35	36
30d	4⅜ x 6	.35	27
40d	4⅞ x 5	.35	21
50d	5⅜ x 4	.35	16
60d	5⅞ x 3	.35	12



Cut No. 167

Cement Coated Egg Case Nails

LARGE FLAT HEAD



Cut No. 168

Endorsed by the carriers, and having every feature desirable for the use intended, these are undoubtedly perfect nails for egg cases.

Continental Steel Wire Gauge

Size	Advance Over Base	Number of Nails per Lb.	Length (Inches)	Gauge No.
2d	\$2.65	1050	1	16
3d	2.15	738	1⅛	15
4d	1.80	435	1½	14

Cement Coated Parquet Floor Nails

DEEP COUNTERSUNK HEAD - LONG DIAMOND POINT

They leave a small, clean, easily puttied hole. The holding-power of the coating overcomes any tendency of the floor to spring or squeak. Net prices quoted on application.

LENGTHS—1⅞ inch and 1¼ inch. GAUGES—Nos. 15 and 16. POINTS—Either Long Diamond or Needle. PACKINGS—In 100 lb. kegs and 25 lb. boxes.

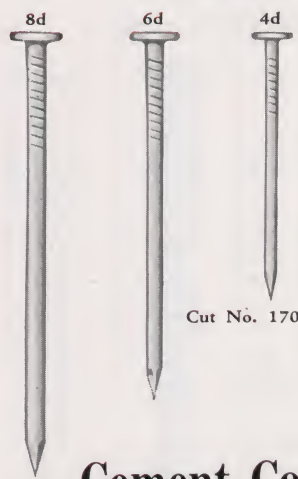


Cut No. 169

THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Box Nails

LARGE FLAT HEAD - DIAMOND POINT



Continental Steel Wire Gauge				
Size	Advance Over Base	Number of Nails per Lb.	Length (Inches)	Gauge No.
2d	\$2.55	1300	1	16½
3d	2.05	950	1½	16
4d	1.90	710	1¾	15½
5d	1.70	536	1¾	15
6d	1.30	306	1¾	13½
7d	1.20	268	2¼	13½
8d	1.00	186	2¾	12½
9d	1.00	167	2¾	12½
10d	.90	118	2¾	11½

Cement Coated Orange Box Nails

Large Flat Head

Cut No. 171



Diamond Point

Designed for Western orange boxes and other fruit packages.

Size	Advance Over Base	No. of Nails per Lb.	Length (Inches)	Gauge No.
4d	\$2.00	679	1¾	15

Cement Coated Fruit Box Nails

Large Flat Head

Cut No. 172



Diamond Point

For orange boxes, pineapple crates, and other fruit packages. Be sure to designate "Fruit Box Nails" when ordering instead of regular 4d box.

Size	Advance Over Base	No. of Nails per Lb.	Length (Inches)	Gauge No.
4d	\$1.95	623	1¾	15

For Hoopless Orange Boxes.

Cement Coated Veneer Box Nails

Large Flat Head

Cut No. 173



Needle Point

Size	Advance Over Base	No. of Nails per Lb.	Length (Inches)	Gauge No.
4d	\$1.95	435	1½	14

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Double Head Anchor Nails

SPECIFY FLAT HEAD OR COUNTERSUNK HEAD
CAN BE FURNISHED BRIGHT OR CEMENT COATED

Continental Double Head Anchor Nails are made for anchoring automobiles to freight car floors in shipping and a number of other shipping uses.

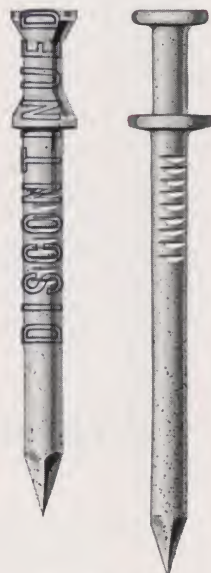
With automobiles a strip of band steel is strapped over the hubs and nails are driven through the lower flanges of this strip and through wooden cleats into the floor of the car. The Dual Head permits easy withdrawal of the nail when the automobile reaches its destination.

This nail is made in lengths 2 inches and 2¼ inches, measured under the lower head. 2¾ inches and 3 inches over-all.

Sizes No. 6 and No. 7 Continental Steel Wire Gauge.

Usually made in 2¼ inch lengths, No. 6 gauge.

Packed in kegs of 100 lbs. each. Prices upon application.



Cut No. 175

Cement Coated Barrel Nails



Cut No. 176

Size	Advance Over Base	Length (Inches)	Gauge No.
5/8 inch	\$2.70	5/8	15½
3/4 inch	2.35	3/4	15½
7/8 inch	1.70	7/8	14½
1 inch	1.50	1	14½
1 1/8 inch	1.45	1 1/8	14½
1 1/4 inch	1.40	1 1/4	14
1 3/8 inch	1.20	1 3/8	13
1 1/2 inch	1.15	1 1/2	13

Cement Coated Fine Nails

Size	Advance Over Base	Length (Inches)	Gauge No.
2d	\$2.45	1	17½
3d	1.85	1 1/8	16

THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Shingle Nails

FLAT HEAD - DIAMOND POINT

Will hold shingles firmly in place, preventing warping or blowing off.



Cut No. 176

LIGHT Continental Steel Wire Gauge			
Size	Advance Over Base	Length (Inches)	Gauge No.
3d	\$1.30	1 $\frac{1}{4}$	14
4d	1.05	1 $\frac{3}{8}$	13
5d	.90	1 $\frac{5}{8}$	13
6d	.85	1 $\frac{7}{8}$	13

HEAVY Continental Steel Wire Gauge			
Size	Advance Over Base	Length (Inches)	Gauge No.
3d	\$1.30	1 $\frac{1}{4}$	13 $\frac{1}{2}$
4d	1.95	1 $\frac{3}{8}$	12 $\frac{1}{2}$
5d	.90	1 $\frac{3}{4}$	12 $\frac{1}{2}$
6d	.85	2	12 $\frac{1}{2}$

Cement Coated Plaster Board Nails

LARGE FLAT HEAD - DIAMOND POINT

Continental Steel Wire Gauge			
Length (Inches)	9 Ga. $\frac{1}{2}$ " Head	10 Ga. $\frac{1}{2}$ " Head	11 Ga. $\frac{7}{8}$ " Head
1	\$1.75	\$1.85	\$1.95
1 $\frac{1}{4}$	1.65	1.75	1.85
1 $\frac{1}{2}$	1.60	1.70	1.80



Cut No. 177

Cement Coated Barbed Roofing Nails

FLAT HEAD - DIAMOND POINT

Continental Steel Wire Gauge

Size	Advance Over Base	Length (Inches)	Gauge No.
$\frac{3}{4}$ inch	\$1.80	$\frac{3}{4}$	14
$\frac{7}{8}$ inch	1.55	$\frac{7}{8}$	12 $\frac{1}{2}$
1 inch	1.45	1	12 $\frac{1}{2}$
1 $\frac{1}{8}$ inch	1.35	1 $\frac{1}{8}$	12 $\frac{1}{2}$
1 $\frac{1}{4}$ inch	1.20	1 $\frac{1}{4}$	12
1 $\frac{3}{8}$ inch	1.15	1 $\frac{3}{8}$	12
1 $\frac{1}{2}$ inch	1.05	1 $\frac{1}{2}$	12
1 $\frac{3}{4}$ inch	1.00	1 $\frac{3}{4}$	12
2 inch	.90	2	11



Cut No. 178



THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Slating Nails

8d



Cut No. 180

16d



Cut No. 182

Size	Advance Over Base	Length (Inches)	Gauge No.
2d	\$1.45	1	13
3d	1.25	1¼	12
4d	1.10	1½	12
5d	1.00	1¾	11
6d	.90	2	10



Cut No. 179

Cement Coated Flooring Brads

These brads are the same as the standard steel brad except that they are coated. The coating makes them hold faster and draw closer.

Size	Advance Over Base	Length (Inches)	Gauge No.
6d	\$0.90	2	12
7d	.85	2¼	12
8d	.80	2½	11
9d	.75	2¾	11
10d	.70	3	10
12d	.65	3¼	9
16d	.60	3½	8
20d	.55	4	7

Cement Coated Common Brads

8d



Cut No. 181

Size	Advance Over Base	Length (Inches)	Gauge No.
2d	\$1.95	1	16
3d	1.45	1¼	15
4d	1.10	1½	13½
5d	1.00	1¾	13½
6d	.90	1¾	12½
7d	.85	2¼	12½
8d	.80	2½	11
9d	.75	2¾	11
10d	.70	2¾	10
12d	.65	3¼	10
16d	.60	3¾	9
20d	.55	3¾	7
30d	.55	4¾	6
40d	.55	4¾	5
50d	.55	5¾	4
60d	.55	5¾	3

Cement Coated Finishing Nails

Size	Advance Over Base	Length (Inches)	Gauge No.
2d	\$2.50	1	16 ½
3d	1.85	1¼	15 ½
4d	1.70	1½	15
5d	1.60	1¾	15
6d	1.05	2	13 ½
7d	1.00	2¼	13
8d	.90	2½	12 ½
9d	.85	2¾	12 ½
10d	.80	3	11 ½
12d	.75	3¼	11 ½
16d	.70	3½	11
20d	.60	3¾	10

THE PATH TO PLENTY IS FENCED WITH PIONEER

Cement Coated Casing Nails



Cut No. 183



Size	Advance Over Base	Length (Inches)	Gauge No.
2d	\$1.95	1	16
3d	1.45	1 1/4	15
4d	1.30	1 1/2	15
5d	1.20	1 3/4	15
6d	.95	2	13
7d	.90	2 1/4	13
8d	.85	2 1/2	12
9d	.80	2 3/4	12
10d	.75	3	11
12d	.70	3 1/4	11
16d	.65	3 1/2	11
20d	.55	4	10
30d	.55	4 1/2	10
40d	.55	5	9

Cement Coated Fence Nails

Not confined exactly to Fencing, but may be used wherever a heavy, stout nail is needed.

Size	Advance Over Base	Length (Inches)	Gauge No.
5d	\$0.85	1 3/4	11
6d	.80	2	11
7d	.70	2 1/2	10
8d	.70	2 1/2	10
9d	.65	2 3/4	9
10d	.65	3	8
12d	.60	3 1/4	7
16d	.55	3 1/2	6
20d	.50	4	5



Cut No. 184

Cement Coated Apple Box Nails

Large Flat Head

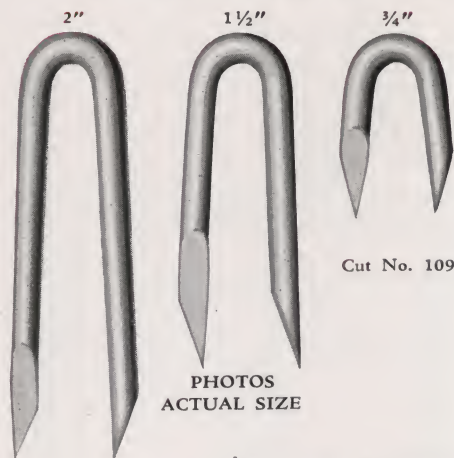
Cut No. 174



Diamond Point

Size	Advance Over Base	No. of Nails per Lb.	Length (Inches)	Gauge No.
5d	\$1.50	418	1 3/8	14
5 1/2d	1.40	388	1 3/4	14

Continental Fence Staples



Length	Approximate No. to Pound No. 9
3/4	152
7/8	120
1	108
1 1/8	96
1 1/4	87
1 1/2	72
1 3/4	65
2	58
2 1/4	47
2 1/2	40

Annealed, Polished or Galvanized

Made of No. 9 gauge wire at base price.

Made of No. 8 gauge wire or coarser.....25c per 100 lbs. extra

Made of No. 10 gauge wire.....20c per 100 lbs. extra

Made of No. 11 gauge wire.....30c per 100 lbs. extra

Made of No. 12 gauge wire.....45c per 100 lbs. extra

Made of No. 13 gauge wire.....65c per 100 lbs. extra

Galvanized staples will last much longer than polished staples and we recommend their use for all stapling purposes.

Annealed staples, same price as polished.

Barbed staples, all lengths and gauges, 25c per 100 lbs. extra.

Oiling staples, 15c per 100 lbs. extra.

Steel Fence Post Staples



Usually made in 1 1/2-inch length of No. 10 gauge wire, with 3/16-inch spread.

Bright or Galvanized

These staples are placed in punched holes of steel fence posts and points are clinched on the opposite side. Can be obtained in either bright or galvanized finish.

Cut No. 110

Galvanized Poultry Netting Staples

$\frac{7}{8} \times 14$



Cut No. 111

Packed in 100-lb. kegs; 50, 25, 10 and 5-lb. wooden boxes.

Number of Poultry Netting Staples to the Pound

$\frac{3}{4}$ inch, No. 14.....	480
$\frac{7}{8}$ inch, No. 14.....	416
1 inch, No. 14.....	352

Galvanized Hoop Staples

USED FOR PUTTING ON WIRE HOOPS

Full Size
 $\frac{1}{2}$ -in. $\frac{3}{8}$ -in.
No. 14 Gauge Wire

$\frac{5}{8}$ inch, No. 14.....	568
$\frac{1}{2}$ inch, No. 14.....	610

Number of Galvanized
Wire Hoop Staples
to the pound

$\frac{3}{8} \times 14$



Cut No. 112

Metal Lath Staples

Furnished in standard sizes: $\frac{7}{8}$ -in., 1-in., $1\frac{1}{8}$ -in., $1\frac{1}{4}$ -in. No. 14 gauge. Principal demand is for 1-in. Furnished in following finishes:

BLUED, POLISHED or GALVANIZED

Note: Blued staples packed in paper lined kegs are considered standard and will be furnished unless otherwise specified. This finish usually called for because lathers carry in mouth, and process of manufacture insures a sanitary product.



Cut No. 113

Ribbon Wire Staples

For fastening flat twisted fencing. Made from No. 9 wire in $1\frac{1}{2}$ -in., $1\frac{3}{4}$ -in., and 2-in. lengths. Can be furnished either blued, galvanized or polished.

Priced same as fence staples.

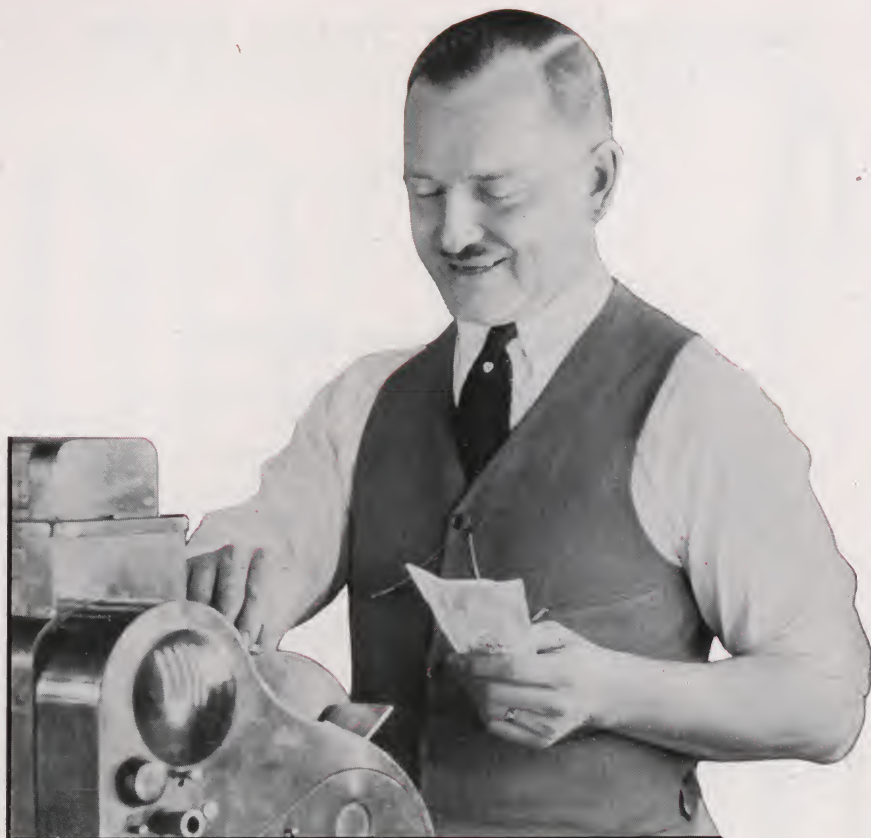
We highly recommend this staple galvanized because of its resistance to rust thereby improving the general appearance of the fencing to which it is attached.

$1\frac{1}{2} \times 9$



Cut No. 114

THE PATH TO PLENTY IS FENCED WITH PIONEER



Let Nails Increase Sales!

Do you under-estimate the "sales appeal" and the profit making possibilities of NAILS? Many hardware and lumber dealers fail to recognize the great field of extra profits that open up for those who will sincerely merchandise good nails.

You can make your nails show you a handsome profit, year after year, a profit that will not only bring you return in actual dollars and cents, but will stimulate other departments of your business.

If you wish to get the most out of every part of your business, if you wish to utilize every possible channel to promote increased sales, then turn to NAILS as a new outlet for merchandising energy.

Continental nails, made in the great Continental plants at Kokomo, have been for years an accepted standard among men of the trade, and the men who use nails. There is a big difference in nails, though it is scarcely apparent on casual inspection.

THE PATH TO PLenty IS FENCED WITH PIONEER

Year by year nails made in Kokomo—nails that are true to gauge, clean, sharp points, and well-formed heads—have been building up a reputation among carpenters and tradesmen, the ultimate users of nails. This reaction has been felt among dealers who have chosen to handle Continental Nails because they recognize the even, consistent high quality of the product.

If you want more profit, if you want more prestige for your business, if you want general stimulation of your business—SELL CONTINENTAL NAILS. Recommend them to your customers, secure in the fact that you are recommending a product that has all of the virtues a nail can have.

Don't under-estimate the sales value of nails. They represent big possible profits for you. Your cash register will show you the difference. Give nails a chance to make money for you!

Miscellaneous List

CONTINENTAL CEMENT COATED NAILS

Price Per Pound of Flat or Brad Head COATED NAILS in 1, 5 or 10 pound packages
LIST OF EXTRAS Subject to Discount

No. 1/4 Inch	21 1.04	18 ..... .56	14 ..... .36	13 ..... .34
19 \$1.04	22 1.29	19 ..... .64	15 ..... .37	14 ..... .35
20 1.29		20 ..... .74	16 ..... .40	15 ..... .36
21 1.59	No. 3/8 Inch	21 ..... .89	17 ..... .44	16 ..... .38
22 1.94	12-14 \$0.47		18 ..... .47	17 ..... .43
	15 ..... .49	No. 7/8 Inch	19 ..... .57	
No. 3/8 Inch	16 ..... .54	8-12 \$0.37	20 ..... .68	No. 1 1/2 and 1 3/8 Inch
17 ..... .56	17 ..... .56	13 ..... .38		4-13 \$0.33
18 \$0.84	18 ..... .62	14 ..... .39	No. 1 1/8 Inch	14 ..... .34
19 ..... .94	19 ..... .62	15 ..... .40	7-12 \$0.34	15 ..... .35
20 1.04	20 ..... .79	16 ..... .43	13 ..... .35	16 ..... .37
21 1.29	21 ..... .89	17 ..... .47	14, 15 ..... .36	17 ..... .42
22 1.59	22 1.14	18 ..... .49	16 ..... .39	
		19 ..... .60	17 ..... .44	No. 1 3/4 Inch
No. 1/2 Inch	No. 3/4 Inch	20 ..... .71	18 ..... .47	4-13 \$0.32
14-16 \$0.59	10-12 \$0.40		19 ..... .57	14 ..... .33
17 ..... .64	13, 14 ..... .42	No. 1 Inch		15 ..... .34
18 ..... .69	15 ..... .46	7-12 \$0.34	No. 1 1/4 and 1 3/8 Inch	16 ..... .36
19 ..... .79	16 ..... .47	13 ..... .35	6-12 \$0.33	17 ..... .42
20 ..... .89	17 ..... .50			

Add to lists, 3 cents per pound for barbing.
3 cents per pound for annealing. 3 cents per pound for Special Heads. 3 cents per pound

for Special Points.

Nails heavier or longer than listed, at special net prices, according to quantity.

DEDUCTIONS FROM LIST PRICES

Deductions for 25 and 50 pound boxes,
2 cents per pound.

Deductions for nails in 100 pound kegs,
4 cents per pound.

THE PATH TO PLENTY IS FENCED WITH PIONEER

LIST PRICES OF MISCELLANEOUS WIRE NAILS AND WIRE BRADS

Subject to change without notice. Per Pound for 1, 5 or 10 pound package.

In ordering, state whether flat heads or brad heads are wanted.

LIST OF EXTRAS AND DEDUCTIONS FROM LIST PRICES Subject to Discount

No. $\frac{3}{16}$ Inch	20..... .85	No. $\frac{7}{8}$ Inch	11..... .33	No. $1\frac{1}{4}$ and $1\frac{3}{8}$ Inch	11..... .28
20..... \$1.80	21..... 1.00	8..... \$0.33	9..... .33	6 to 12..... \$0.29	12..... .28
21..... 2.00	22..... 1.25	9..... .33	10..... .33	13..... .30	13..... .28
22..... 2.20	23..... 1.65	11..... .33	11..... .33	14..... .31	14..... .29
23..... 2.40	24..... 1.90	12..... .33	12..... .33	15..... .32	
24..... 2.55		13..... .34	13..... .34	16..... .34	No. $2\frac{1}{2}$ Inch
	No. $\frac{5}{8}$ Inch	14..... .35	14..... .35	17..... .39	3 to 10..... \$0.26
No. $\frac{1}{4}$ Inch	12..... \$0.43	15..... .36	15..... .36		11..... .27
19..... \$1.00	13..... .43	16..... .39	16..... .39	No. $1\frac{1}{2}$ and $1\frac{3}{8}$ Inch	12..... .27
20..... 1.25	14..... .43	17..... .43	17..... .43	4 to 13..... \$0.29	13..... .28
21..... 1.55	15..... .45	18..... .45	18..... .45	14..... .30	
22..... 1.90	16..... .50	19..... .50	19..... .50	15..... .31	No. $2\frac{3}{4}$ Inch
23..... 2.15	17..... .52	20..... .67	20..... .67	16..... .33	3 to 10..... \$0.26
24..... 2.35	18..... .58			17..... .38	11..... .27
25..... 2.55	19..... .65	No. 1 Inch			12..... .27
26..... 3.10	20..... .75	7 to 12..... \$0.30		No. $1\frac{3}{4}$ Inch	
	21..... .85	13..... .31		4 to 13..... \$0.28	No. 3 Inch
No. $\frac{3}{8}$ Inch	22..... 1.10	14..... .32		14..... .29	3 to 10..... \$0.25
18..... \$0.80	23..... 1.45	15..... .33		15..... .30	11..... .26
19..... .90	24..... 1.65	16..... .36		16..... .32	12..... .27
20..... 1.00		17..... .40		17..... .38	
21..... 1.25	No. $\frac{3}{4}$ Inch	18..... .43		No. 2 Inch	No. $3\frac{1}{4}$ Inch
22..... 1.55	10..... \$0.36	19..... .53		3 to 10..... \$0.27	3 to 10..... \$0.25
23..... 1.95	11..... .36	20..... .64		11..... .28	11..... .26
24..... 2.15	12..... .36			12..... .28	12..... .27
25..... 2.40	13..... .38	No. $1\frac{1}{8}$ Inch		13..... .28	
26..... 2.80	14..... .38	7 to 12..... \$0.30		14..... .29	No. $3\frac{1}{2}$ Inch
	15..... .42	13..... .31		15..... .30	3 to 10..... \$0.25
No. $\frac{1}{2}$ Inch	16..... .43	14..... .32		16..... .35	11..... .26
14..... \$0.55	17..... .46	15..... .32			
15..... .55	18..... .52	16..... .35		No. $2\frac{1}{4}$ Inch	No. 4 Inch
16..... .55	19..... .60	17..... .40		3 to 10..... \$0.27	3 to 10..... \$0.25
17..... .60	20..... .70	18..... .43			11..... .26
18..... .65	21..... .85	19..... .53			
19..... .75					

Add to list 4 cents per pound for cement coating.

Add to list 6 cents per pound for $\frac{1}{2}$ -pound paper boxes.

Add to list 12 cents per pound for $\frac{1}{4}$ -pound paper boxes.

Add to list 3 cents per pound for barbing.

Add to list 3 cents per pound for annealing.

Add to list 3 cents per pound for bluing.

Add to list 3 cents per pound for Special Heads or Headless.

Add to list 3 cents per pound for Needle Points or any Special Points.

Deduction for 25 and 50-pound boxes, 2 cents per pound.

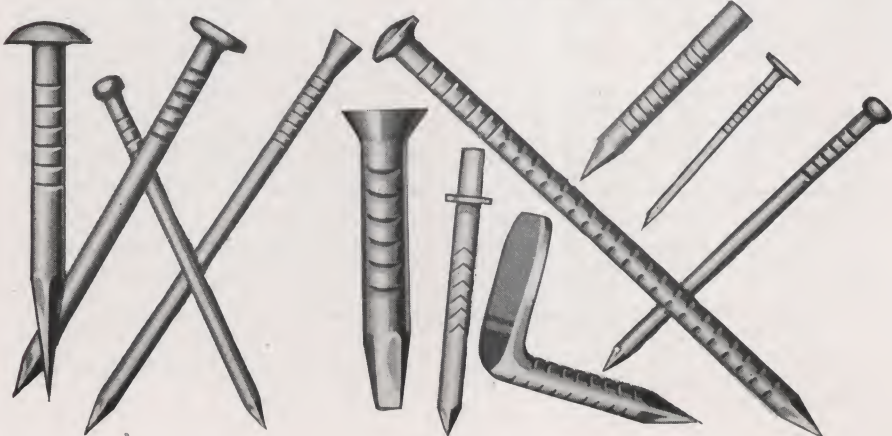
Deduction for 100-pound kegs, 4 cents per pound.

For lengths not listed, use list price for same gauge in nearest shorter length.

For nails, finer than full gauge, apply list price of same length in next finer gauge. For example, for No. 18 $\frac{1}{2}$ gauge use No. 19, etc.

Nails heavier than listed, at special net prices, according to quantity.

Galvanizing, tinning, brass plating, coppering nails, at special prices.



THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Barbed Wire



Cut No. 101

Features of construction have made Continental Barbed Wire a universal favorite. Durable, strong, lasting, capable of turning the most adventurous cattle, farmers everywhere have found it of incomparable merit.

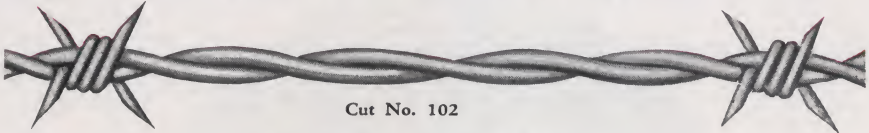
Back of this product stands the great Continental steel mills at Kokomo, directed by men who have spent their lives in the manufacture of this type of product. This expertness is reflected in the barbed wire that is turned out by the hundreds of tons weekly at the Kokomo plant.

Continental Barbed Wire offers a sure, effective means of turning cattle and rendering your fields safer. Barbed wire guarantees you adequate protection under all conditions.

We guarantee our 80 rod spools to contain 80 rods and the "catch weight" spools to be absolutely accurate in weight. This eliminates the necessity for the dealer to measure or weigh each spool separately.

Continental Barbed Wire

CHAMPION "L" PATTERN



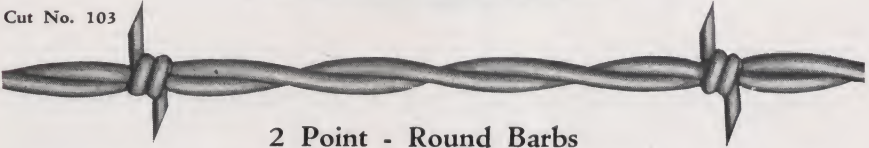
Cut No. 102

4 Point - Round Barbs

Champion "L" Pattern, 4 point is one of the oldest and most widely used barbed wires on the market. Excellent where strong heavy barbed wire is used. It is a very effective barrier against hogs and all kinds of stock. Easily identified by animals because of large size barbs. Furnished in 80 rod spools with main strands $12\frac{1}{2}$ gauge and No. 14 wire barbs. Hog wire barbs are about 4 inches apart. Cattle wire barbs are about 6 inches apart. Furnished in catch weight reels, with main strands, 12 galvanized wire. Round barb No. 14 wire with one barb around main strand and one wrapped around both main strands in each catch weight and 80 rod spools.

PIONEER "G" PATTERN

Cut No. 103

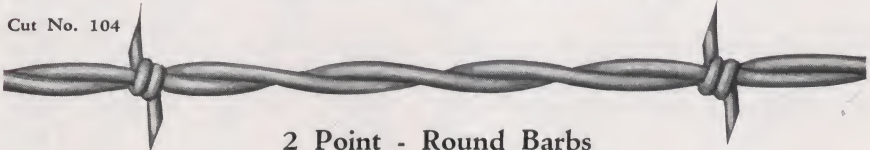


2 Point - Round Barbs

Pioneer "G" Pattern Barb Wire is popular for all general hog and cattle purposes. In 80 rod spools main strands are No. $12\frac{1}{2}$ gauge. Barbs wrapped twice around one of main strands. Hog barbs are about 3 inches apart. Cattle barbs are about 5 inches apart. Catch weight reels sold by net weight per spool. Main strand in catch weight reels No. 12 steel wire gauge, galvanized.

KOKOMO PERFECTION

Cut No. 104



2 Point - Round Barbs

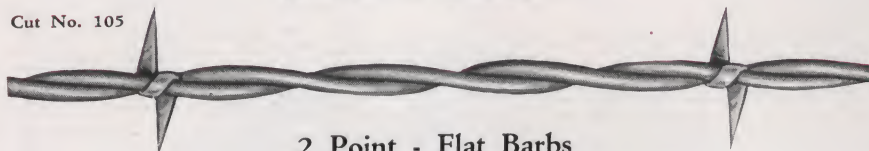
Kokomo Perfection Barb Wire is made only from galvanized wire. Furnished in 80 rod spools only. Main strands of No. 14 steel wire gauge. Barbs are round and of No. 15 steel wire gauge, wrapped twice around one of the main strands. Thickset or hog wire barbs are about 3 inches apart. Cattle wire barbs about 5 inches apart.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Barbed Wire

KOKOMO PERFECT

Cut No. 105

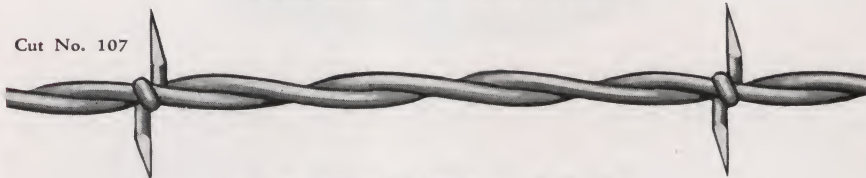


2 Point - Flat Barbs

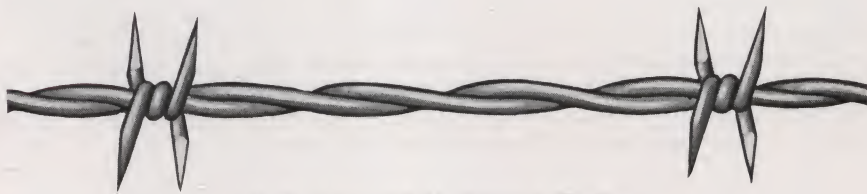
Kokomo "Perfect" Barb Wire is a widely known favorite with the farmers. Flat barbs hold tight and are easily seen. Sold in 80 rod reels. Catch weight reels sold by actual net weight per reel. Thickset or hog barbs about 3 inches apart. Regular cattle barbs about 5 inches apart. Main strands No. 12½ steel gauge wire. Flat barbs wrapped once around one of the main strands.

VICTORY "W" PATTERN

Cut No. 107



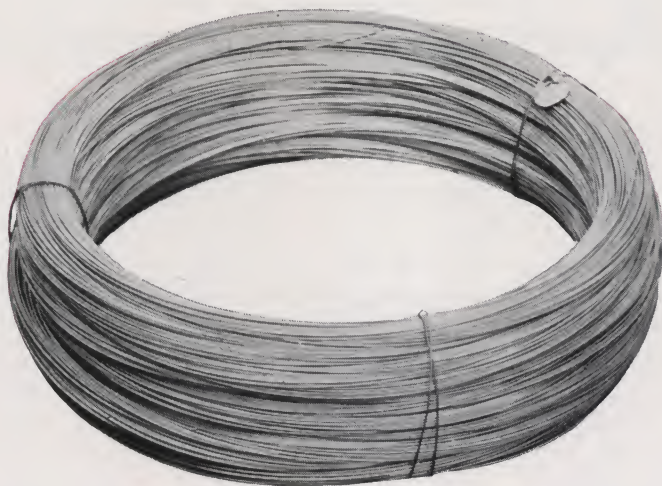
2 Point - Half Round Barbs



4 Point - Half Round Barbs

Kokomo Victory "W" Pattern Barb Wire is available in 2 and 4 point. Put up in 80 rod spools. Also furnished in catch weight reels. Hog barbs about 3 inches apart, cattle barbs about 5 inches apart. Main strands from No. 12½ gauge steel wire, galvanized. Barbs are half round and each barb is wrapped once around the main strands. This makes a single wrap for the 2 point wire and double wrap for the 4 point.

Basic Open Hearth Steel Wire



The uses of wire are almost innumerable. Wire is used for farm, poultry and lawn fence; bolts, rivets, and screws; telegraph and telephone conductor and bracing wires; for hardware fixtures; for chain and crimping wire; for concrete reinforcing; weaving and stitching wire; box binding and tying wire; for bale ties; for nails and tacks; for vineyards and other supporting wires; for clothes hangers, bathroom fixtures, refrigerator shelves, oven racks, drying trays, pan holders; for check row wire, foundry wire, tire pump handle stocks; wire for automobile parts; for bails on buckets, or florists' forms. It is impossible to enumerate all of the uses for wire here. It is made to withstand severe forming operations or operations for products formed by swagging and upsetting.

The Continental Steel Corporation makes wire for all these purposes and many others which have not been mentioned. We furnish wire in any size from $\frac{1}{2}$ inch diameter and smaller, either in coils or straightened and cut to specified lengths.

The steel best suited for wire to be used for special manufacturing purposes is made by the basic open hearth process. This process gives the steel maker absolute control of the composition and texture of the steel and makes it possible to vary the products to meet the most exacting requirements of the customer. All Continental steel is manufactured in

THE PATH TO PLENTY IS FENCED WITH PIONEER

our open hearth furnaces under the supervision of men who have spent all of their lives making steel for wire. In addition a staff of experts and a fully equipped metallurgical department exercises a further and more detailed supervision over the composition and manufacture of the steel in the open hearth furnaces.

The making of steel suitable for wire is of first importance, but the further working and manipulation of the steel is of the greatest import in producing a perfect product. By well controlled rolling, pickling, and drawing processes we can accurately vary the size, shape, strength, and finish of the wire. The physical properties of the wire may be modified still further by suitable heat treatment.

Generally wire is a straight carbon steel of low phosphorus and sulphur content. The other constituents of the steel—carbon, manganese, and silicon—are varied to suit the use for which the wire is intended. Sometimes, such as for screw stock, sulphur and phosphorus are added to improve the threading qualities.

The Continental Steel Corporation produces steel that meets the most exacting requirements of the Society of Automobile Engineers (known as the S. A. E. Specifications), the American Society for Testing Materials (known as the A. S. T. M. Specifications) and many other technical specifications, besides those worked out by the metallurgical departments of individual manufacturers for their own use.

Wire under such specifications may require hard, medium-hard, soft, or dead-soft grades. It may be hard drawn, annealed, heat treated, or processed, thus producing several shades of wire hardness and strength.

The size of the wire may be specified by Continental Wire Gauge or by decimal inch diameter. The shape of the wire may be round, half round, square and special shapes, but it will be furnished round unless ordered to special shape. The finished surface of the wire may be bright or coated, the latter being specified in a number of ways depending on the individual requirements of the customer.

STRAIGHTENED AND CUT WIRE PRICES

The extra charge for straightening and cutting wire is as follows:

Gauge	24" and up to 21'	10" and up to 24"	4" and up to 10"	3" and up to 4"
1 to 6	\$.25 per cwt.	\$.35 per cwt.	\$.50 per cwt.	\$.65 per cwt.
7 and 8 .....	.30 " "	.40 " "	.60 " "	.90 " "
9 and 10 .....	.35 " "	.50 " "	.75 " "	1.15 " "
11 .....	.45 " "	.60 " "	1.00 " "	1.65 " "
12 .....	.55 " "	.80 " "	1.40 " "	2.15 " "
13 .....	.70 " "	1.10 " "	1.90 " "	2.90 " "
2' up to 8'	1.00 " "	1.50 " "	2.50 " "	3.75 " "
14, 15 and 16	1.00 " "	1.50 " "	2.50 " "	3.75 " "

For Burlapping ends of bundles, 15c per hundred extra.
For Burlapping entire length, 25c per hundred pounds extra.
For Boxing, 40c per hundred pounds extra.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Plain Wire




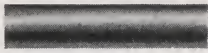



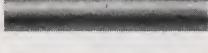

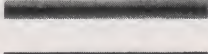





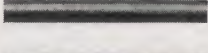

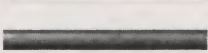

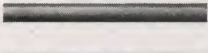



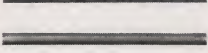

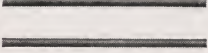

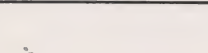




FULL SIZES OF PLAIN WIRE		Continental Steel Wire Gauge	Decimal Inches	Pounds Per Mile	Feet Per Pound
		1	.2830	1128.0	4.68
		2	.2625	970.4	5.44
		3	.2437	836.4	6.31
		4	.2253	714.8	7.39
		5	.2070	603.4	8.75
		6	.1920	519.2	10.17
		7	.1770	441.2	11.97
		8	.1620	369.6	14.29
		9	.1483	309.7	17.05
		10	.1350	256.7	20.57
		11	.1205	204.5	25.82
		12	.1055	156.7	33.69
		13	.0915	117.9	44.78
		14	.0800	90.13	58.58
		15	.0720	73.01	72.32
		16	.0625	55.01	95.98
		17	.054	41.07	128.60
		18	.047	31.77	166.20

Table of Sizes, Weights and Length of Steel Wire

Continental Steel Wire Gauge

Continental Steel Gauge	Decimal Inches	Milli-meters	Pounds per Foot	Pounds per Mile	Feet per Pound
$\frac{1}{2}$ "	.5000	12.70	.6668	3521.	1.500
7-0	.4900	12.45	.6404	3381.	1.562
$\frac{3}{8}$ "	.46875	11.91	.5861	3094.	1.706
6-0	.4615	11.72	.5681	2999.	1.76
$\frac{7}{16}$ "	.4375	11.11	.5105	2696.	1.959
5-0	.4305	10.93	.4943	2610.	2.023
$\frac{3}{4}$ "	.40625	10.32	.4402	2324.	2.272
4-0	.3938	10.00	.4136	2184.	2.418
$\frac{3}{8}$ "	.3750	9.525	.3751	1980.	2.666
3-0	.3625	9.2075	.3505	1851.	2.853
$\frac{1}{2}$ "	.34375	8.731	.3152	1664.	3.173
2-0	.3310	8.407	.2922	1543.	3.422
$\frac{5}{16}$ "	.3125	7.938	.2605	1375.	3.839
1-0	.3065	7.785	.2506	1323.	3.991
1	.2830	7.185	.2136	1128.	4.681
$\frac{9}{32}$ "	.28125	7.144	.2110	1114.	4.74
2	.2625	6.668	.1838	970.4	5.441
$\frac{1}{4}$ "	.2500	6.350	.1667	880.2	5.999
3	.2437	6.190	.1584	836.4	6.313
4	.2253	5.723	.1354	714.8	7.386
$\frac{7}{32}$ "	.21875	5.556	.1276	673.9	7.835
5	.2070	5.258	.1143	603.4	8.750
6	.1920	4.877	.09832	519.2	10.17
$\frac{3}{16}$ "	.1875	4.763	.09377	495.1	10.66
7	.1770	4.496	.08356	441.2	11.97
8	.1620	4.115	.07000	369.6	14.29
$\frac{5}{32}$ "	.15625	3.969	.06512	343.8	15.36
9	.1483	3.767	.05866	309.7	17.05
10	.1350	3.429	.04861	256.7	20.57
$\frac{1}{8}$ "	.125	3.175	.04168	220.0	24.00
11	.1205	3.061	.03873	204.5	25.82
12	.1055	2.680	.02969	156.7	33.69
$\frac{3}{32}$ "	.09375	2.381	.02344	123.8	42.66
13	.0915	2.324	.02233	117.9	44.78
14	.0800	2.032	.01707	90.13	58.58
15	.0720	1.829	.01383	73.01	72.32
16	$\frac{1}{16}$ "	1.588	.01042	55.01	95.98
17	.0540	1.372	.007778	41.07	128.60
18	.0475	1.207	.006018	31.77	166.20

Table of Comparative Sizes Wire Gauge

IN DECIMALS OF ONE INCH

No. of Wire Gauge	Continental Steel Corp. or Washburn & Moen	Birming- ham or Stubb's	Brown & Sharpe	British Imperial or English Legal Standard
000000	.461	----	-----	.464
00000	.430	----	-----	.432
0000	.393	.454	.46000	.400
000	.362	.425	.40964	.372
00	.331	.380	.36480	.348
0	.307	.340	.32495	.324
1	.283	.300	.28930	.300
2	.263	.284	.25763	.276
3	.244	.259	.22942	.252
4	.225	.238	.20431	.232
5	.207	.220	.18194	.212
6	.192	.203	.16202	.192
7	.177	.180	.14428	.176
8	.162	.165	.12849	.160
9	.148	.148	.11443	.144
10	.135	.134	.10189	.128
11	.120	.120	.09074	.116
12	.105	.109	.08081	.104
13	.092	.095	.07196	.092
14	.080	.083	.06408	.080
15	.072	.072	.05707	.072
16	.063	.065	.05082	.064
17	.054	.058	.04526	.056
18	.047	.049	.04030	.048
19	.041	.042	.03589	.040
20	.035	.035	.03196	.036
21	.032	.032	.02846	.032
22	.028	.028	.02535	.028
23	.025	.025	.02257	.024
24	.023	.022	.02010	.022
25	.020	.020	.01790	.020
26	.018	.018	.01594	.018
27	.017	.016	.01419	.0164
28	.016	.014	.01264	.0148
29	.015	.013	.01126	.0136
30	.014	.012	.01002	.0124
31	.0135	.010	.00893	.0116
32	.0130	.009	.00795	.0108
33	.0110	.008	.00708	.0100
34	.0100	.007	.00630	.0092
35	.0095	.005	.00561	.0084
36	.0090	.004	.00500	.0076
37	.0085	----	.00445	.0068
38	.0080	----	.00396	.0060
39	.0075	----	.00353	.0052
40	.0070	----	.00314	.0048

THE PATH TO PLENTY IS FENCED WITH PIONEER

Extras on Annealed and Galvanized Wire and Market Wire Over Bright Hard Wire

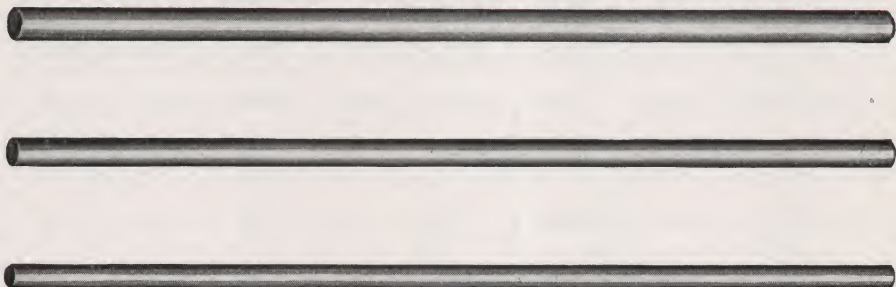
SIZES Continental Steel Gauge	Advance for size per 100 lbs.	Add to Base Price and Extra for Size per 100 lbs.				
		For Annealed Wire	For Galvanized Wire	For Bright Wire	For Annealed Market	For Galvanized Market
Bright Hard $\frac{3}{8}$ " to $\frac{1}{2}$ " -	\$0.10	\$0.15	\$1.00	\$0.60	\$0.75	\$1.60
No. 5 to finer than $\frac{3}{8}$ " -	Base	.15	.85	.60	.75	1.45
No. 6 -----	Base	.15	.60	.60	.75	1.20
No. 7 -----	Base	.15	.60	.60	.75	1.20
No. 8 -----	Base	.15	.60	.60	.75	1.20
No. 9 -----	Base	.15	.60	.70	.85	1.30
No. 10 -----	.05	.15	.60	.70	.85	1.30
No. 11 -----	.10	.15	.60	.80	.95	1.40
No. 12 -----	.15	.15	.65	.80	.95	1.45
No. 12½ -----	.15	.15	.65	.80	.95	1.45
No. 13 -----	.25	.15	.70	.80	.95	1.50
No. 14 -----	.35	.15	.80	.90	1.05	1.70
No. 15 -----	.55	.15	.90	.90	1.05	1.80
No. 16 -----	.75	.15	.90	1.00	1.15	1.90
No. 17 -----	1.00	.15	1.00	1.00	1.15	2.00
No. 18 -----	1.50	.15	1.00	1.00	1.15	2.00

Even weight bundles 5c per bundle extra, except 100 lbs. bundles which are considered Standard.

Special Galvanized, advance over ordinary galvanized, per 100 pounds; No. 8 and Coarser, 25 cents; No. 9 to 11 inclusive, 40 cents; No. 12 and 12½, 35 cents; No. 13, 60 cents; No. 14, 75 cents.

THE PATH TO PLENTY IS FENCED WITH PIONEER

Continental Galvanized Clothes Line



Cut No. 108

Continental Galvanized Clothes Line is very popular with housewives because of its rust-resistance. It is easy to clean, strong, and stretches easily. Once stretched it stays tight. Continental Clothes Line is made from "copper-content" steel wire, heavily coated with a 99½ per cent pure zinc covering. Continental Clothes Line can be cleaned easily with a cloth and will not soil clothes. Put up in small coils of 9" inside diameter so as to facilitate easy handling.

It is furnished in three sizes:

- No. 8. Large—Furnished in 100, 90, 75, 60, 50 and 40 foot lengths.
Diameter of wire, .162.
- No. 9. Medium—Furnished in 100, 90, 75, 60, 50 and 40 foot lengths.
Diameter of wire, .148.
- No. 10. Small—Furnished in 100, 90, 75, 60, 50 and 40 foot lengths.
Diameter of wire, .135.



THE PATH TO PLENTY IS FENCED WITH PIONEER

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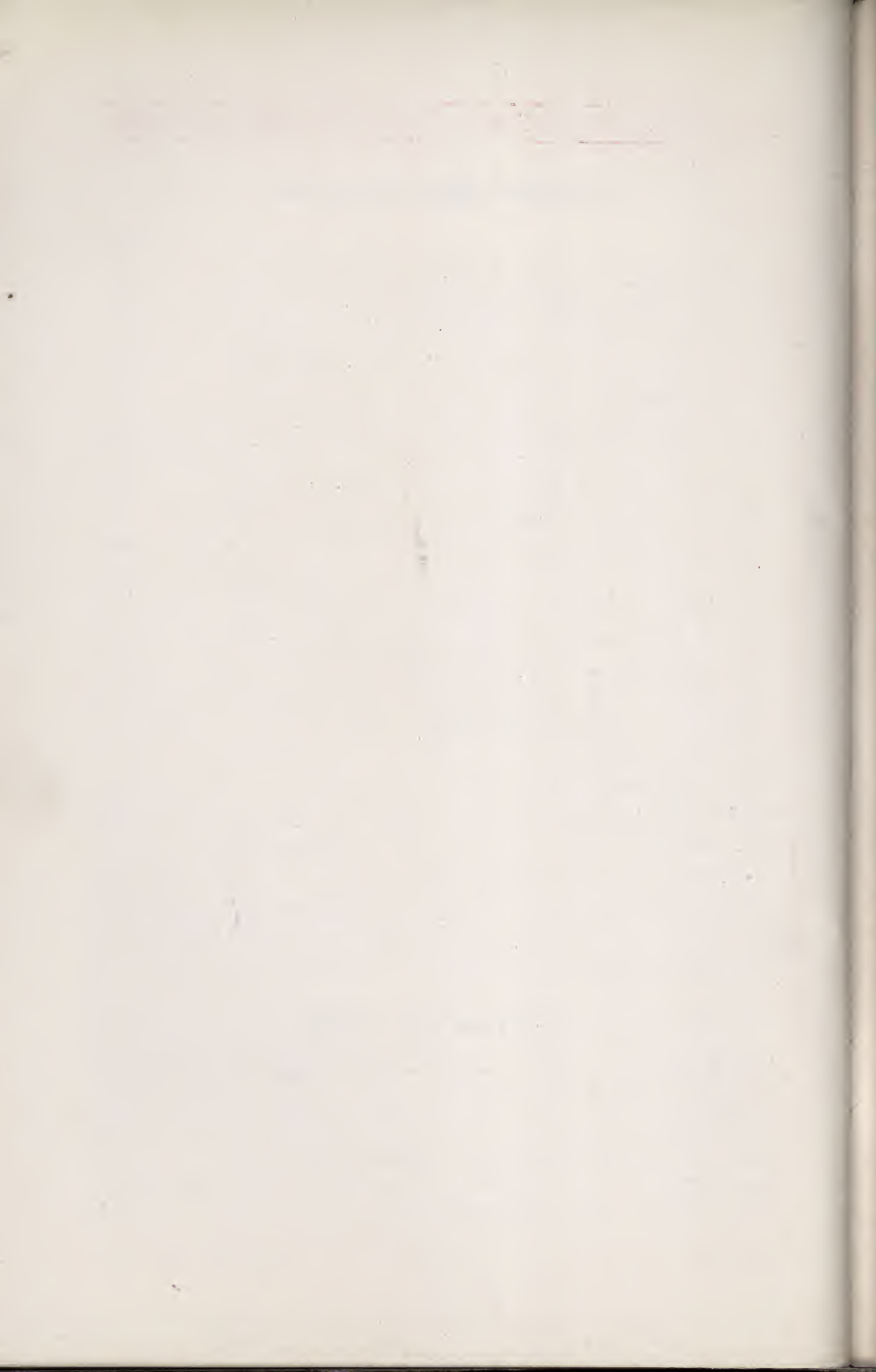
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CEMENT COATED NAILS

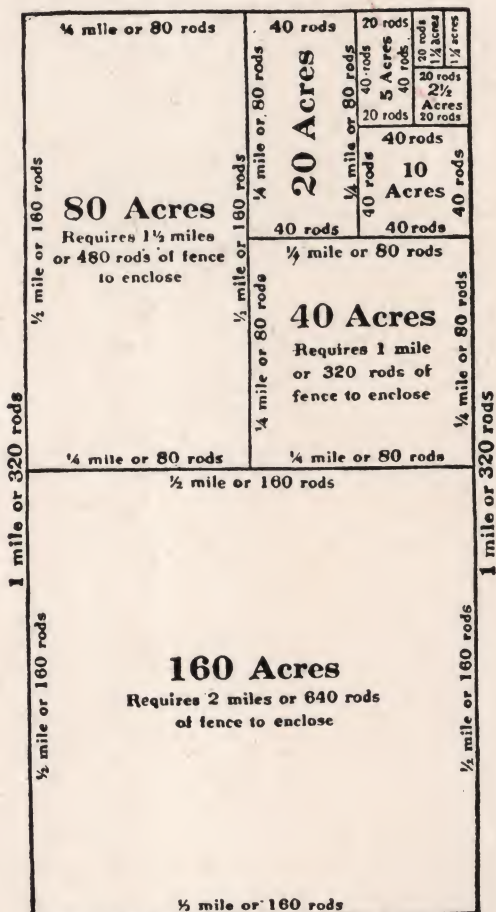
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Number of Rods of Fence Required To Enclose Fields of Different Sizes



Above Diagram Shows $\frac{1}{2}$ Section, or 320 Acres

PIONEER

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Gerron S. Hite
West Texas Collection, Angelo State University, San Angelo, TX

coated as any part of this fine fence.

PIONEER

FARM, POULTRY & ORNAMENTAL

FENCE



Only COPPER-CONTENT RUST-RESISTING wire is used in the manufacture of "Pioneer" fence. AT THE KNOT, where rust destroys ordinary fencing, "KOKOMO PIONEER" is protected! There is no cracking or peeling at the knot. Every inch of wire is LEAD ANNEALED and heavily coated with 99½% PURE ZINC. The knot is as evenly and heavily coated as any part of this fine fence.